## SHARP SERVICE MANUAL

\$99K919SV111/



GAME TELEVISION SIGMA 9400 CHASSIS Chassis No. 19M1

### MODEL 19SV111

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTROLS

CONTRO

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#### SHARP ELECTRONICS CORPORATION

### IMPORTANT SERVICE SAFETY PRECAUTION (Continued)

 Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor.

 Make contact with the test probe on all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed (if necessary, a nonpolarized adapter plug may be used only for the purpose of completing these checks).

Any current measured must not exceed 0.5 milliamps.

Any measurements not within the limits outlined above are indicative of potential shock hazard and corrective action must be taken before returning the set to the customer.

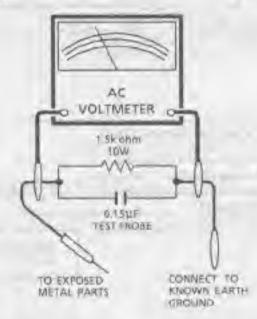
#### SAFETY NOTICE

Many electrical and mechanical parts in television receivers have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special

safety characteristics are identified in this manual; electrical components having such features are identified by "A" and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, X-radiation or other hazards



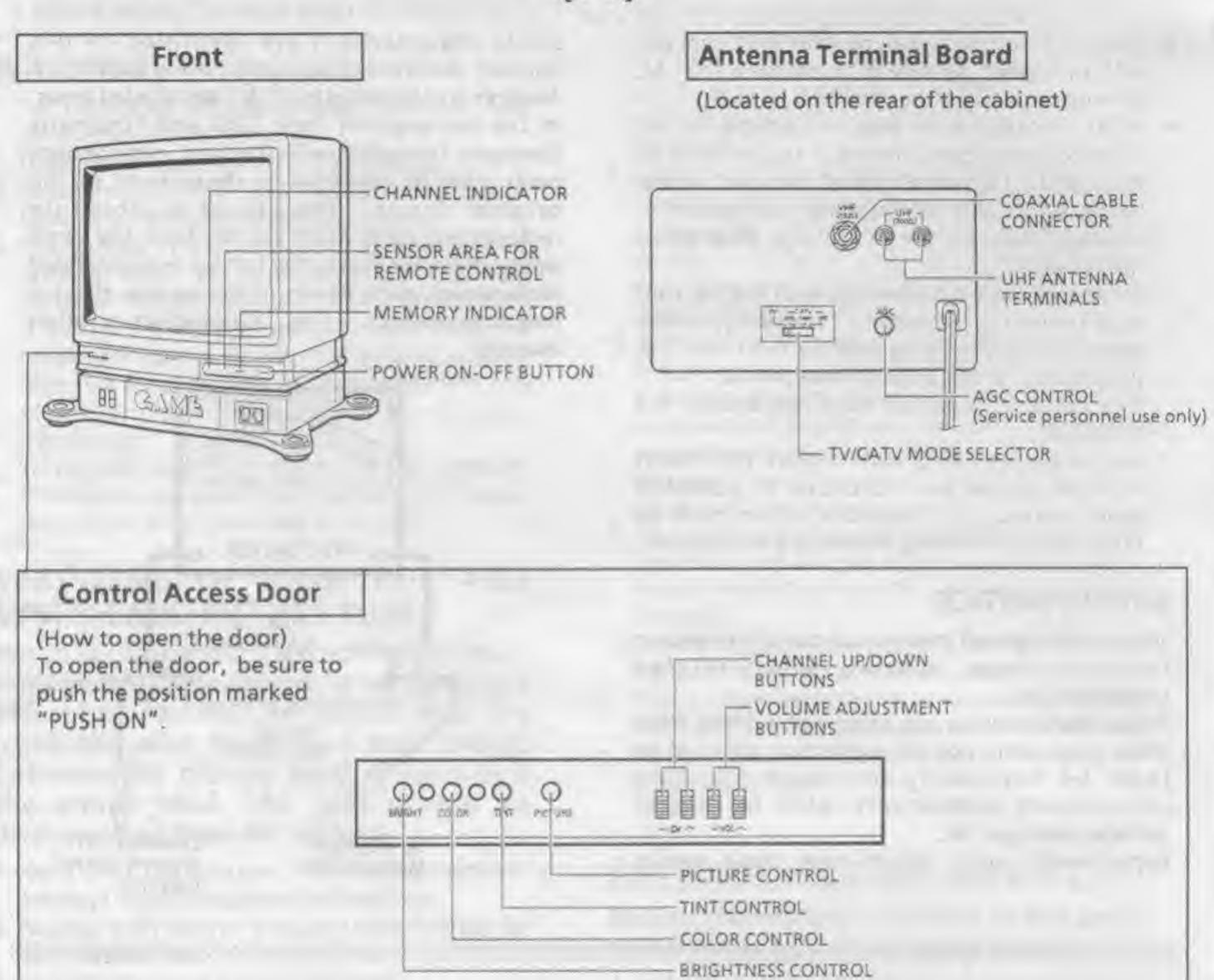
(EIA, Channel Plan)

#### **ELECTRICAL SPECIFICATIONS**

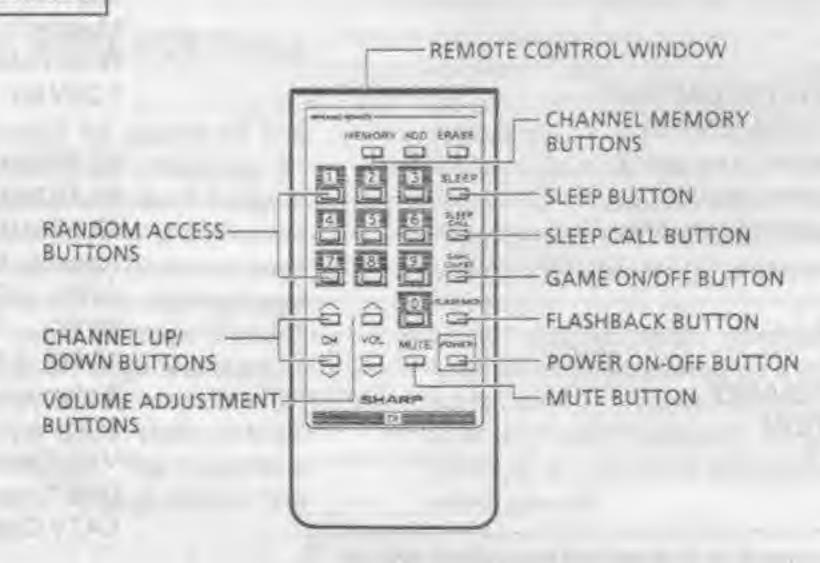
NATAN KENTRAN KENTRESI KENTRAN BERMERAN BERMERAN BANGKAN BERMERAN BERMERAN KENTRESI (BERMERAN KENTRESI (BERMER

VHF ANTENNA INPUT IMPEDANCE UHF ANTENNA INPUT IMPEDANCE CONVERGENCE FOCUS AUDIO POWER OUTPUT RATING INTERMEDIATE FREQUENCIES	300 ohm Balanced Magnetic Hi-Bi-Potential Electrostatic
Picture IF Carrier Frequency Sound IF carrier Frequency Color Sub-Carrier Frequency PICTURE SIZE POWER INPUT	41 25 MHz 42 17 MHz (Nominal) Approx. 185 sq. in. 120 V AC 60Hz
SPEAKER SIZE  VOICE COIL IMPEDANCE  SWEEP DEFLECTION  TUNING RANGES	4° PM, 0.52 oz. Mag 8 ohm at 400 Hz Magnetic
pecifications are subject to change without prior notice.	CATV Channels 1 thru 65, 95 thru 99

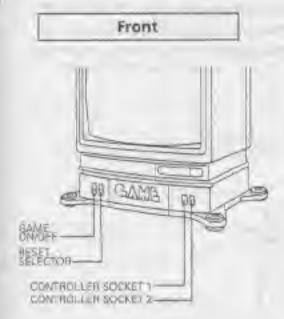
# LOCATION OF USER'S CONTROL (TV)

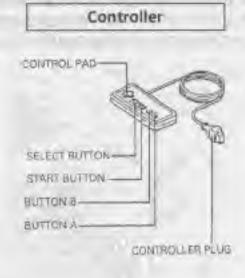


### Infrared Remote Control



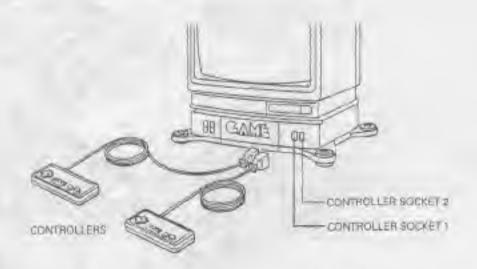
# LOCATION OF USER'S CONTROL (Continued) (GAME)





#### CONNECTING THE CONTROLLERS TO THE TV

Both controllers are identical and may be connected to either controller socket. However, the controller connected to controller socket 1 becomes Controller 1. The distinction is important when selecting and starting games, since only Controller 1 is used to select and start games.



#### Operation of Controls (GAME)

- 1. Turn the power on by pressing the POWER ON-OFF BUTTON on the set or on the Remote Control.
- 2. Set the TV mode by pressing the TV/GAME SELECTOR on the set or on the Remote Control.

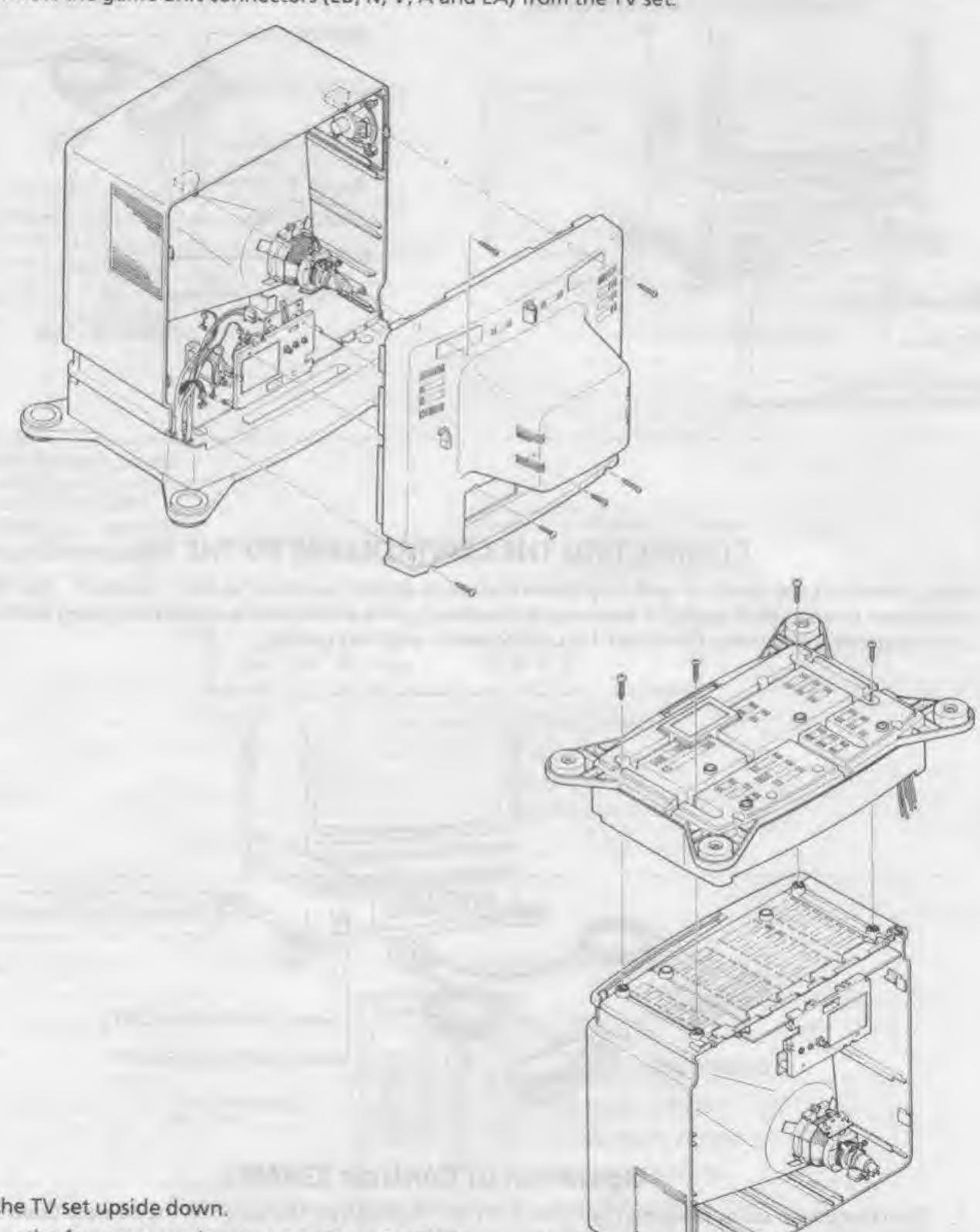
#### CAUTION:

ALWAYS MAKE SURE THE TVIGAME SELECTOR IS SET THE TV MODE BEFORE INSERTING OR REMOVING A GAME PAK.

# REMOVAL OF CABINET

# How to detach the game unit from the TV set

- 1. Unscrew the six rear cabinet set-screws and remove the rear cabinet.
- 2. Disconnect the game unit connectors (EB, N, V, A and EA) from the TV set.

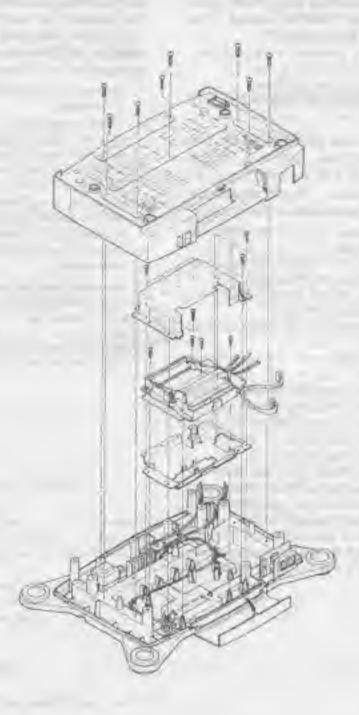


- 3. Place the TV set upside down.
- 4. Unscrew the four game unit set-screws from the TV set. Now the game unit can be detached from the TV set.

### REMOVAL OF CABINET (Continued)

#### How to detach the game unit from the cabinet

- 1. Unscrew the eight top cabinet set-screws and remove the top cabinet.
- 2. Unscrew the eleven shielding case set-screws and the four chassis set-screws. Now the game PWB (PWB-D) can be drawn out.



# INSTALLATION AND SERVICE INSTRUCTIONS

Note: (1) When performing any adjustments to resistor controls and transformers use non-metallic screwdriver or TV alignment tools.

(2) Before perfoming adjustment, TV set must be on at least 15 minutes.

### CIRCUIT PROTECTION

The receiver is protected by a 4.0A fuse (F701), mounted on PWB-A, wired into one side of the AC line input.

### X-RADIATION PROTECTOR CIRCUIT TEST

After service has been performed on the horizontal deflection system, high voltage system, or + B system, the X-Radiation protection circuit must be tested for proper operation as follows:

- Apply 120V AC using a variac transformer for accurate input voltage,
- Allow for warm up and adjust all customer controls for normal picture and sound.
- Check the voltage of test point TP601. (It's voltage should be about 18V DC.)
- Connect the pin (6) of IC501 to TP601 through a short clip lead.
  - In this case, the operation of horizontal oscillatoris stopped.
- 5. To start operation, remove the above short clip lead and touch the TP602 to chassis ground (TP603) with a short clip lead. In this case remove short clip lead as soon as the set operates again with a normal picture.
- Connect TP651 to TP652 and see that the operation of horizontal oscillator then stops. Next, make sure that the set operates with a normal picture by the method of Step5.
- If the operation of the horizontal osc. does not stop in steps 4 and 6, the circuit must be repaired before the set is returned to the customer.

### HIGH VOLTAGE CHECK

High voltage is not adjustable but must be checked to verify that the receiver is operating within safe and efficient design limitations as specified checks should be as follows:

- Connect an accurate high voltage meter to the CRT anode.
- Operate receiver for at least 15 minutes at 120V AC line voltage, with strong air signal or a properly tuned in test signal.
- 3. Set SW851 on PWB-B to "OFF" (center) position.
  - Note that loss of luminance will occur.
- Rotate Screen control (on T652) to minimum (CCW) end of its rotation.
- The reading should be approximately 26.5kV at zero beam.

If a correct reading cannot be obtained, check circuitry for malfunctioning components.

Upon completion of voltage check, readjust screen control for proper operation and set SW851 to "ON" position.

#### INSTALLATION AND SERVICE INSTRUCTIONS

(Continued)

#### FIELD ADJUSTMENT

#### **M RF-AGC ADJUSTMENT**

- 1. Select a local channel.
- Turn RF-AGC control (R214) fully clockwise.
   As a result noise appears on picture, then slowly turn the RF-AGC control (R214) counterclockwise until noise disappears.
- 3. Check that no noise appears on other channels.

#### ■ SUB-BRIGHTNESS CONTROL

- 1. Select a local channel
- Turn Picture control (a part of R462) fully clockwise and set Brightness control (a part of R462) at the center position.
- Turn Sub-Brightness control (a part of R462) to obtain normal brightness of the picture.

- NOTE 1: All field adjustments mentioned can be performed without test equipment.
- NOTE 2: As this model has "Built in AFT", AFT is always in "ON" position. If AFT should be "OFF", short between TP1003 and TP1004.
- NOTE 3: After servicing the set, check that the aging switch SW1801 is set at "OFF" position. This aging switch is to be used only for the factory inspection; at "ON" position, it won't allow the set to be turned off.

#### **■ HORIZONTAL CENTERING**

- 1. Select a local channel.
- Adjust the Horizontal Centering Switch (SW751) on PWB-C to best picture position.

#### **■ VERTICAL SIZE ADJUSTMENT**

- 1. Select a local channel.
- Turn fully counterclockwise the Brightness and Picture controls to dim screen (in the state where the top and bottom of picture cam be recognized.)
- Adjust Vertical Size control (a part of R462) for approximately 1/8 to 1/4 inch over-scan at top and bottom of picture screen.

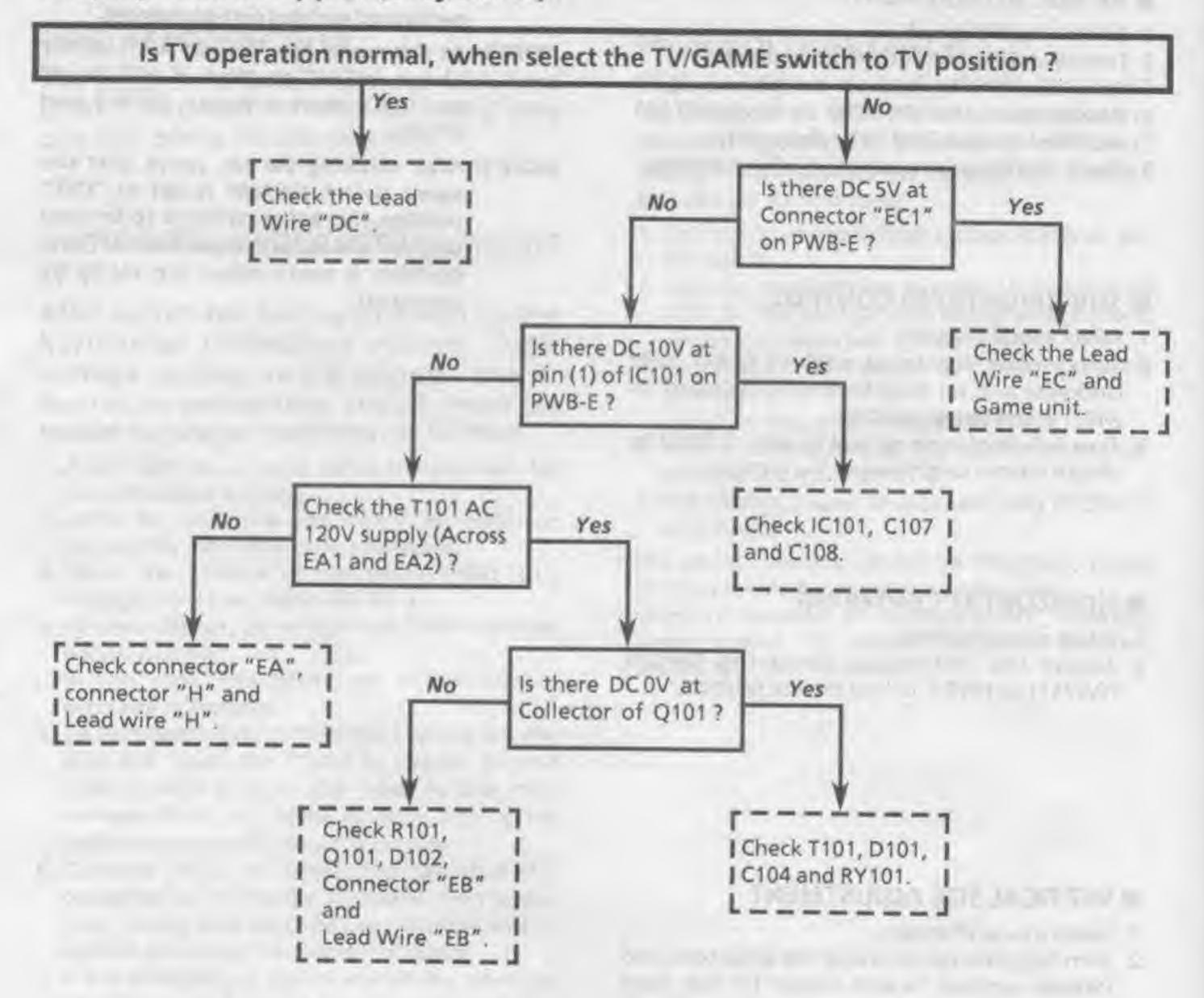
#### **■ FOCUS ADJUSTMENT**

- 1. Select a local channel.
- Set Brightness and Picture controls at a normal viewing level.
- Adjust Focus control (part of 7652) for sharp scanning lines and/or sharp picture.

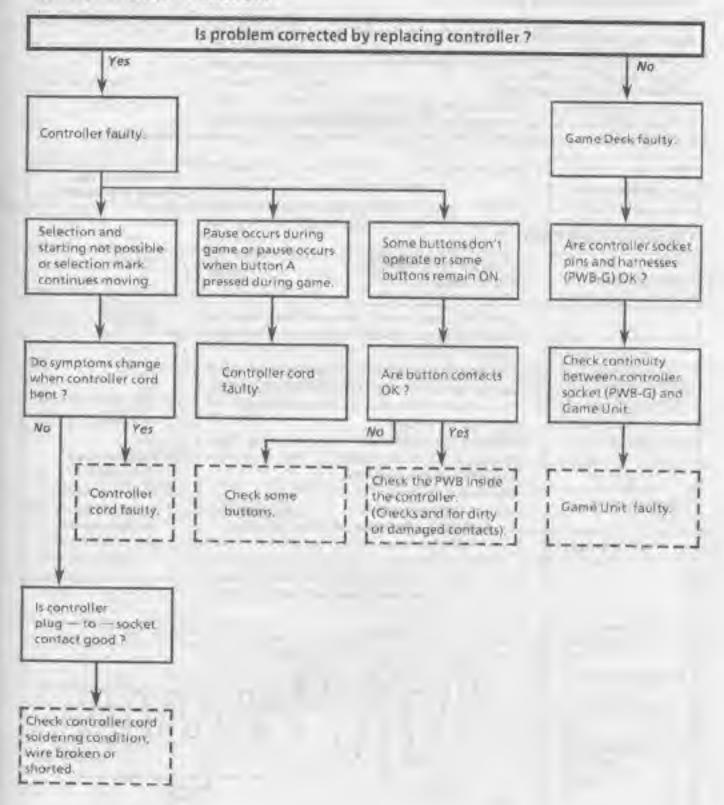
## TROUBLE SHOOTING TABLE

# Malfunctions not Traceable to Game Deck

Display Fails to Appea (only noise)



#### Controller Does't Function.



# Malfunctions Traceable to Game Deck

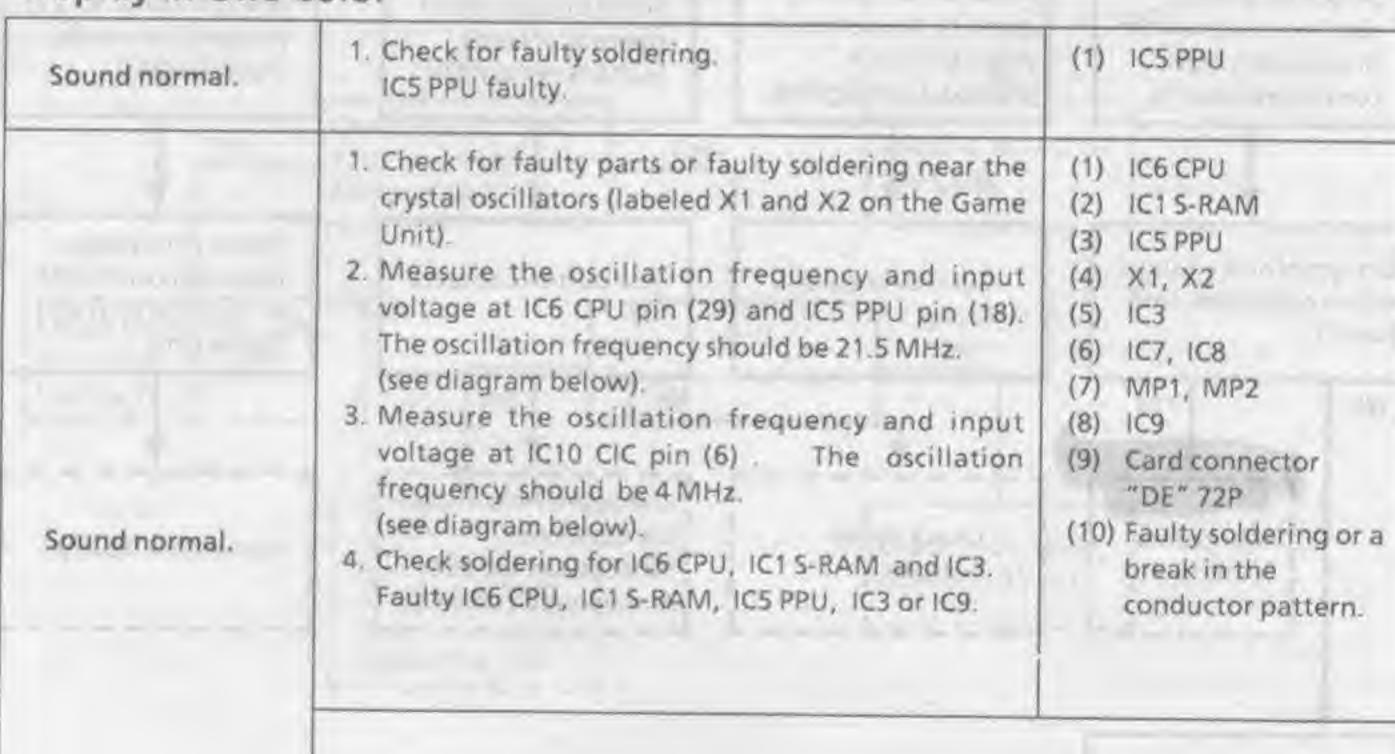
## \* Prior to replacing parts:

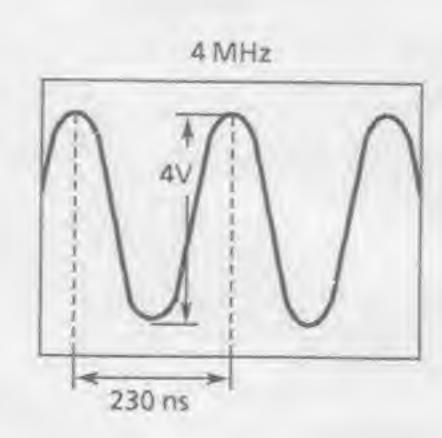
Check the following items before referring to the tables on the following pages and repairing the Game Unit.

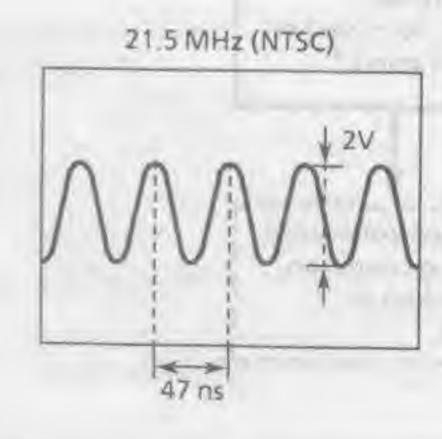
- 1. Check the contact condition of card connector 72P.
- 2. Check the soldering of all parts.
- 3. Visually inspect for short circuits.
- 4. Check that all parts are mounted correctly.
- 5. Check for ICs that heat up abnormally while power is on (other than IC5 PPU).
- 6. Check for splitting or cracks in the resistor arrays, ceramic capacitors, ceramic oscillators, etc.

Symptom	Repair Procedure	Location of Fault (in order of probability)

## Display in One Color







	mptom Repair Procedure	Location of Fault (in order of probabili
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#### Display Black

Sound normal.	1. Make sure that picture signal is being output from ICS PPU pin (21). 2. Make sure that soldering for Q1, FC2, Q4, L1, R23 and R2 is secure 3. Check for other faulty soldering or breaks in the conductor pattern.	(2)	ICS PPU Faulty soldering or a break in the conductor pattern.
No sound.	1 Is there faulty soldering or a faulty part in the oscillation circuit (near X1, Q2 or Q3)? 2. Are oscillation frequencies and input voltage levels of IC6 CPU pin (29) and IC5 PPU pin (18) normal?  Faulty soldering or a break in the conductor pattern.	(1) (2)	X1 Faulty soldering or a break in the conductor pattern. IC10

### Display Flashes

	Is the Game Pack normal ? Is it installed correctly?     Is there any faulty soldering or a break in the conductor pattern?	1.0	Card connector
Display repeatedly appears and dies.	3: Is IC10 faulty ? IC9 faulty:	(3)	Faulty soldering or a break in the conductor pattern.
		(4)	IC9

### Normal Display Doesn't Appear

Abnormality occurs after playing the game for a long time.	1. Heat up ICS PPU using a hair dryer or the like. If faulty symptoms appear, then the PPU is faulty. 2. Heat up IC6 CPU using a hair dryer or the like. If faulty symptoms appear, then the CPU is faulty.	(1)	ICS PPU IC6 CPU
Moving characters OK, But non- moving characters and background abnormal.	I. Is there faulty soldering or a break in the conductor pattern in or near ICA S-RAM, IC2, IC9 HC139 or card connector "DE" 72P ?      Is IC4 S-RAM, IC2, IC9 HCU64P or IC5 PPU faulty ?     Card connector "DE" 72P faulty.	(1) (2) (3) (4) (5) (6)	IC4 S-RAM IC2 Faulty soldering or a break in the conductor pastern IC9 Card connector "DE" 72P IC5 PPU

Symptom	Repair Procedure	Location of Fault (in order of probability)

# Normal Display Doesn't Appear

Poor or no color in picture.	Check soldering and make sure that the correct parts are mounted and that they are mounted in the correct direction near resistor R2 and in the oscillator circuit (the area containing X1, Q2 and Q3).  Adjust trimmer capacitor C50 and match to normal chroma frequency.	(1) (2) (3) (4)	Misadjusted C50 trimmer capacitor. Faulty soldering or erroneous mounting. X1 IC5 PPU

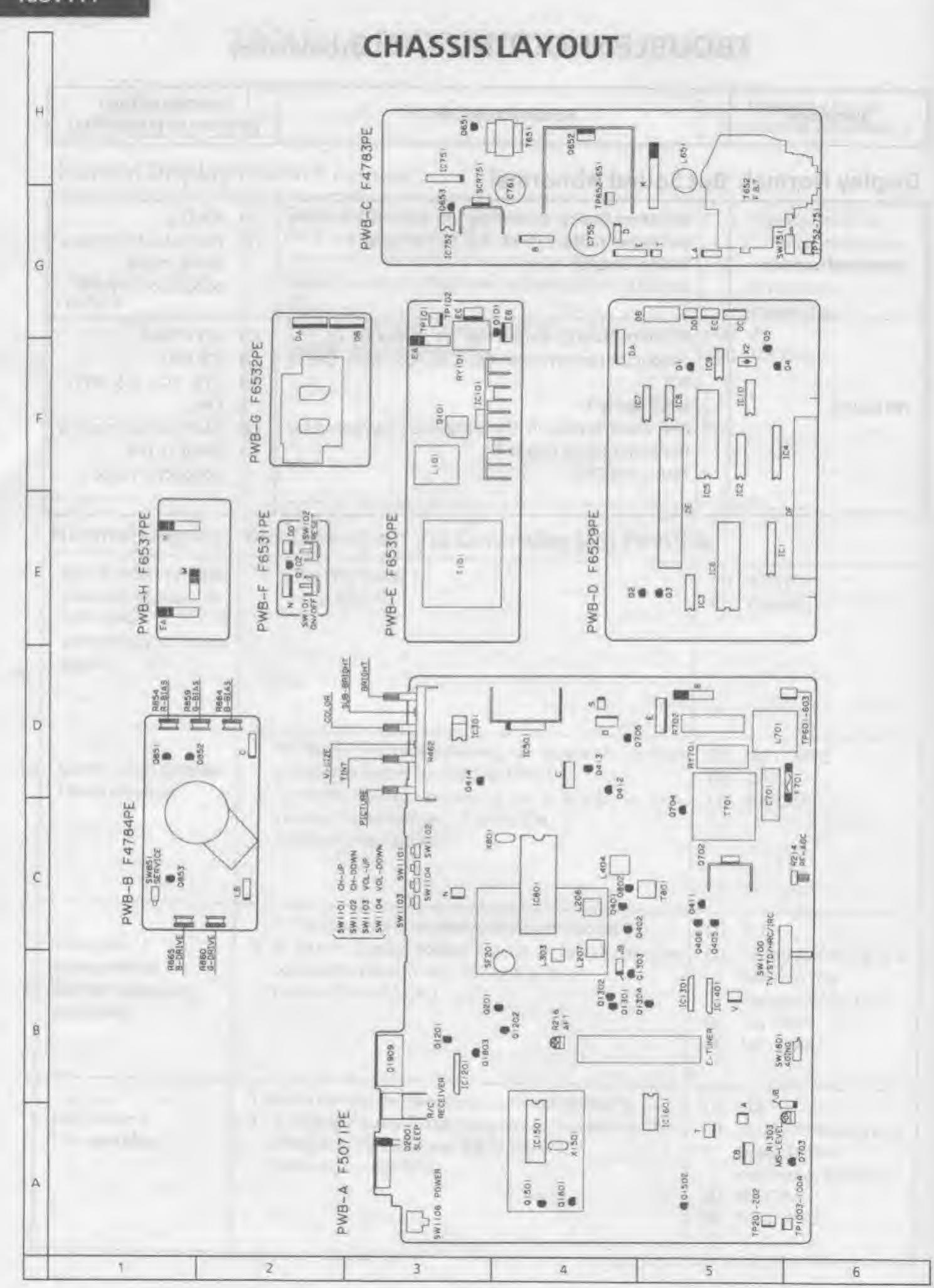
# Normal Display, But Operation Via Controller Not Possible

Game Select symbol does not appear, or is shaped abnormally if it does appear.	1. Is IC5 PPU faulty? Faulty IC6 CPU.	(1) IC5 PPU (2) IC6 CPU
Game Select symbol keeps moving.	Is there faulty soldering or a break in the conductor Pattern in MP1 or MP2?      Is there faulty soldering or a break in the conductor Pattern in IC7 or IC6 CPU?      Faulty IC7 or IC6 CPU.	(1) MP1, MP2 (2) C7 (3) IC6 CPU
Controller I is inoperable (Game Select not possible).	Is the controller harness securely connected?      Is there faulty soldering or a break in the conductor Pattern near IC7 or IC6 CPU?      Faulty IC7 or IC6 CPU.	<ul> <li>(1) IC7</li> <li>(2) Faulty soldering or a break in the conductor pattern.</li> <li>(3) IC6 CPU</li> <li>(4) MP1, MP2</li> </ul>
Controller II is inoperable	Is the controller harness securely connected?      Is there faulty soldering or a break in the conductor Pattern near IC8 or IC6 CPU?      Faulty IC8 or IC6 CPU.	<ul> <li>(1) IC8</li> <li>(2) Faulty soldering or a break in the conductor pattern.</li> <li>(3) IC6 CPU</li> <li>(4) MP1, MP2</li> </ul>

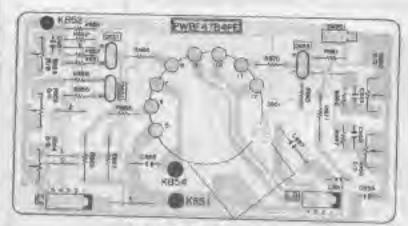
Symptom	Repair Procedure	Location of Fault (in order of probability)

### Display Normal, But Sound Abnormal

Abnormal melody.	Is there faulty soldering or a break in the conductor pattern in R3, R4, R6, R7 or R8 ?     Faulty IC6 CPU.	(1).	IC6 CPU Faulty soldering or a break in the conductor pattern.
No sound.	1. Is there faulty soldering or a break in the conductor pattern near IC9, C23, Q5; R21, C48 or FC1? 2. Is IC9 faulty? 3. Are there breaks in the conductor pattern near the audio signal circuit? 4. Faulty IC6 CPU.	(4) (2) (3) (4)	IC9 HCU04 IC6 CPU C23, FC1, Q5, R21, C48 Faulty soldering or a break in the conductor pattern.



### PRINTED WIRING BOARD ASSEMBLIES



H

65

A

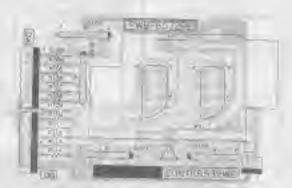
PWB-B Wiring Side



PWB-H Wiring Side



PWB-F Wiring Side



PWB-G Wiring Side



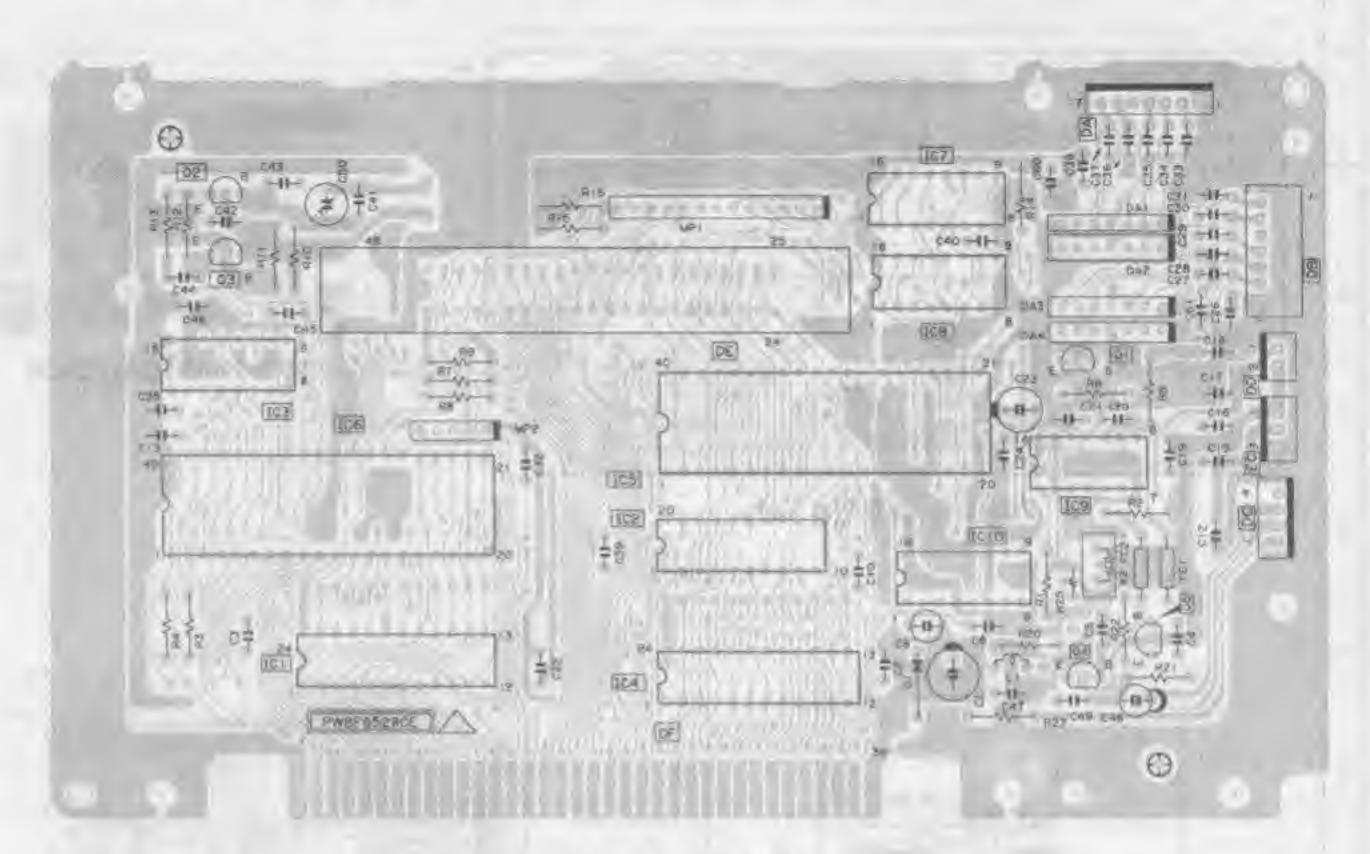
PWB-E Wiring Side

G

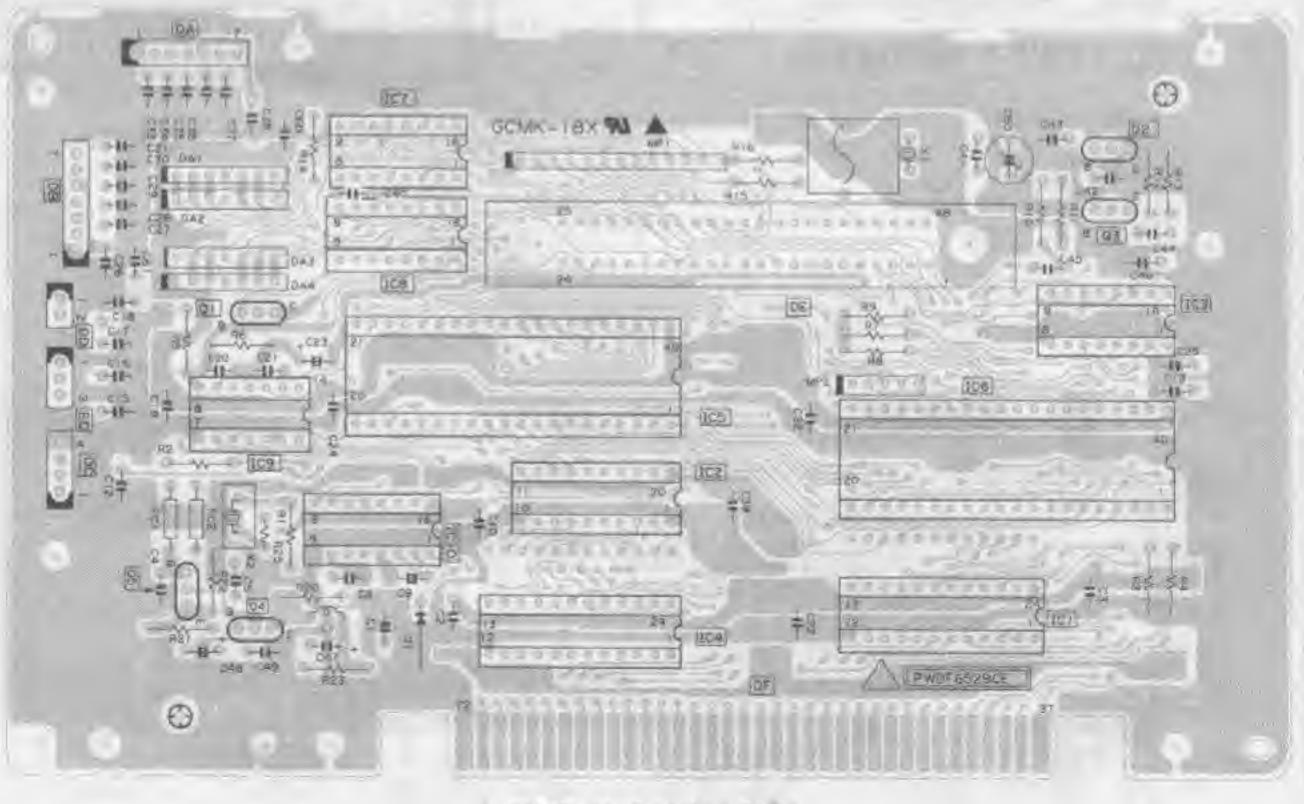
B

A

# PRINTED WIRING BOARD ASSEMBLIES (Continued)

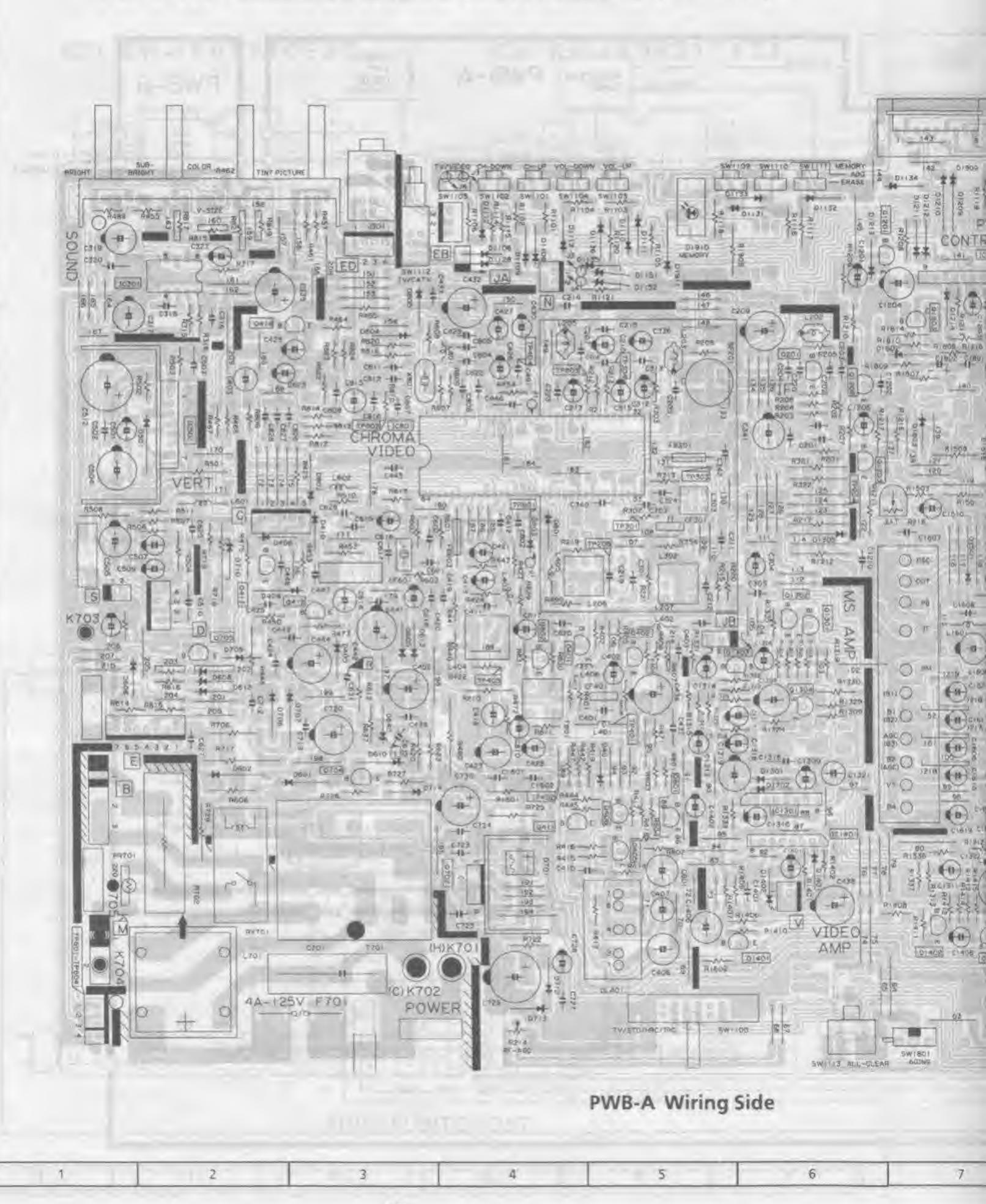


### PWB-D Parts Side



PWB-D Solder Side

# PRINTED WIRING BOARD ASSEMBLIES (Continued)



D

# IMPORTANT SERVICE SAFETY PRECAUTION

Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines which follow:

### WARNING

- For continued safety, no modification of any circuit should be attempted.
- 2. Disconnect AC power before servicing.
- Semiconductor heat sinks are potential shock hazards when the receiver is operating.
- 4. The chassis in this receiver has two ground systems which are separated by insulation material. The non-isolated (hot) ground system is for the +B voltage regulator circuit and the horizontal output circuit. The isolated ground system is for the low +B DC voltages and the secondary circuit of the high voltage transformer.

To prevent electrical shock use an isolation transformer between the line cord and power receptacle, when servicing this chassis.

## SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove the static charge by connecting a 10k ohm resistor in series with an insulated wire (such as a test probe) between the picture tube ground and the anode lead. (AC cord should be disconnected from AC outlet.)

- Note that the picture tube in this receiver employs integral implosion protection.
- Replace with tube of the same type number for continued safety.
- Do not lift picture tube by the neck.
- Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage anode completely.

## X-RADIATION AND HIGH VOLTAGE LIMITS

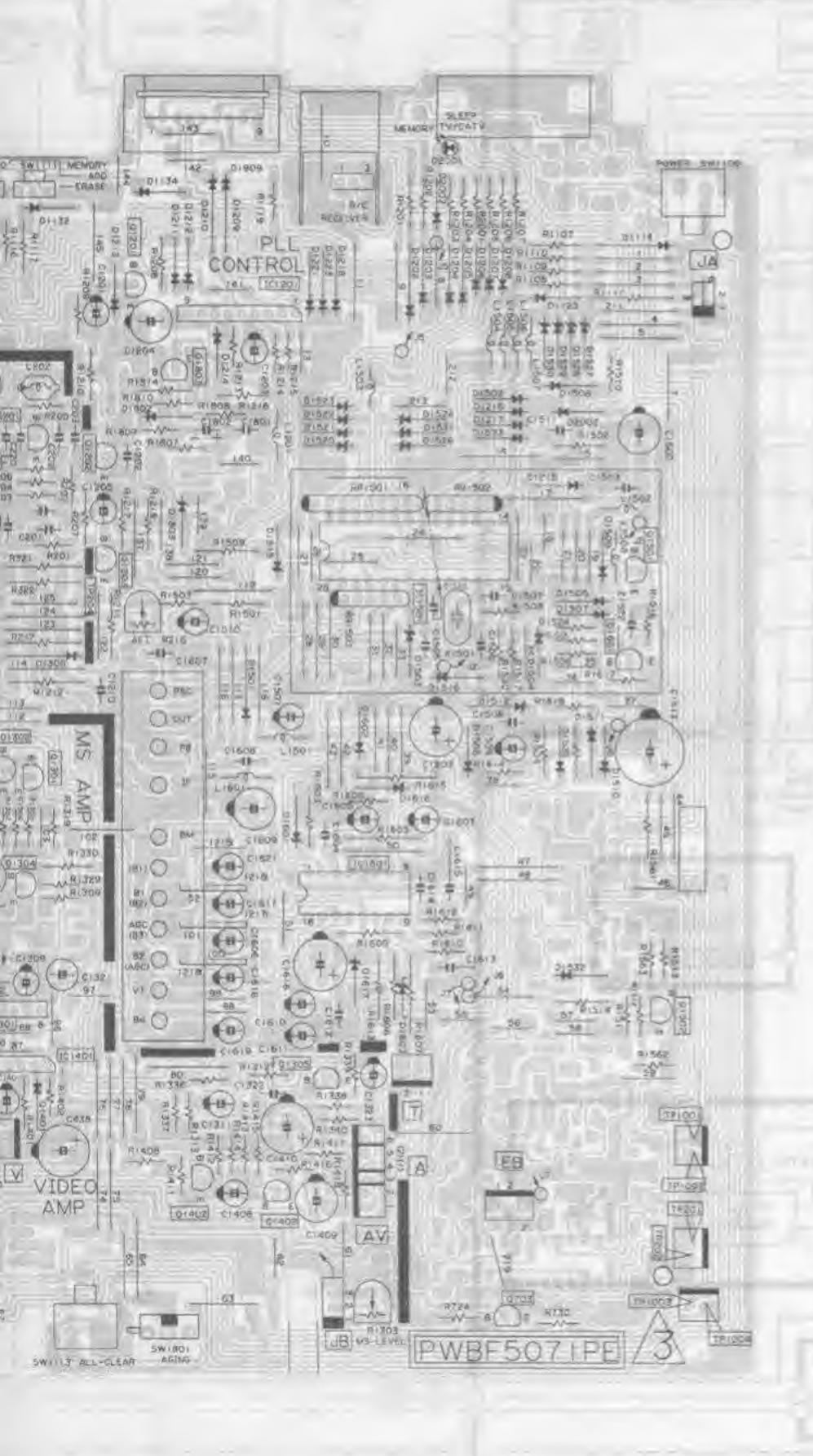
1. All service personnel should be aware of the procedures and instructions covering X-radiation. The only potential source of X-ray in current solid state TV receivers is the picture tube. However, the picture tube does not emit measurable X-Ray radiation if the high voltage is as specified in the "High Voltage Check" instructions. It is only when high voltage is excessive that X-radiation is capable of penetrating the picture tube shell which includes lead in glass material. The important precaution is to keep high voltage below the maximum level specified.

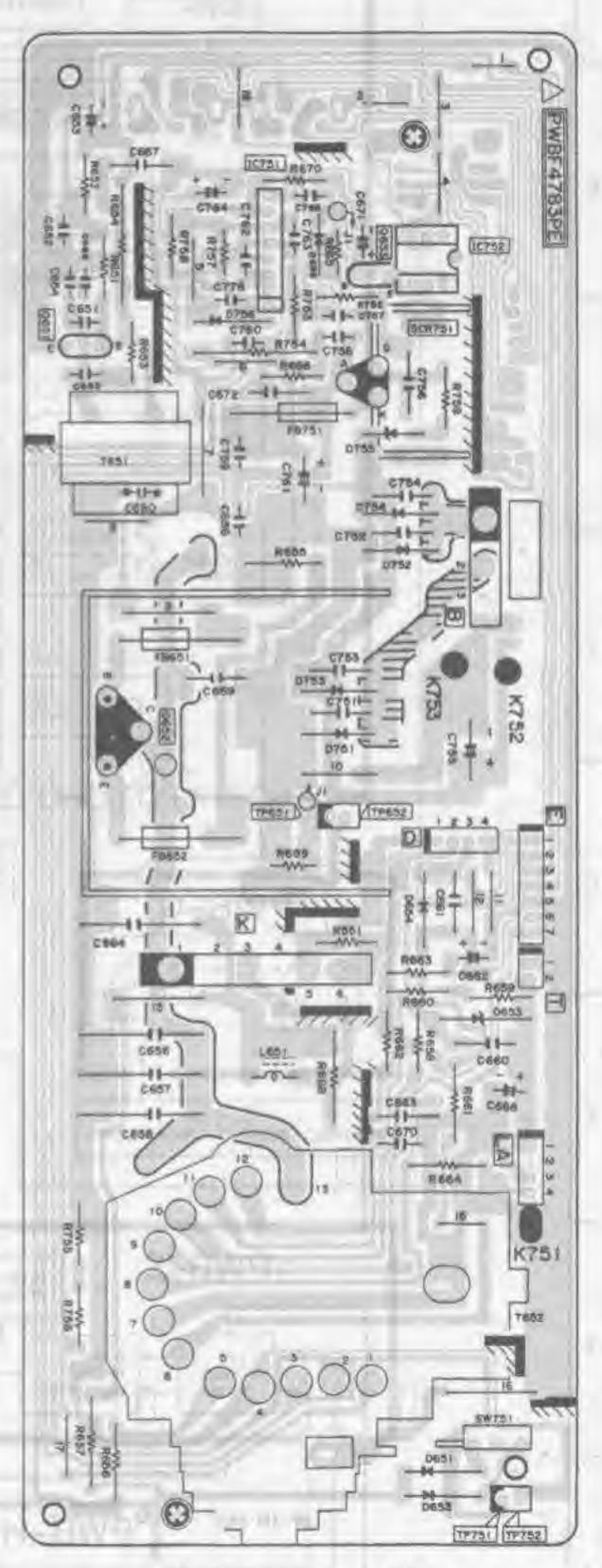
- It is essential that servicemen have available at all times an accurate high voltage meter. The calibration of this meter should be checked periodically.
- High voltage should always be kept at the rated value — no higher. Operation at higher voltages may cause a failure of the picture tube or high voltage circuitry and, under certain conditions, may produce radiation in excess of desirable levels.
- 4. When the high voltage regulator is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be tested while monitoring high voltage with a meter to be certain that it does not exceed the specified value and is regulated correctly.
- Do not use a picture tube other than that specified, and do not make unrecommended circuit modifications to the high voltage circuitry.
- 6. When trouble shooting and taking test measurements on a receiver with excessively high voltage, avoid being unnecessarily close to the receiver. Do not operate the receiver longer than is necessary to locate the cause of excessive voltage.

## FIRE AND SHOCK HAZARD CHECKS

# Before returning the receiver to the user, perform the following safety checks:

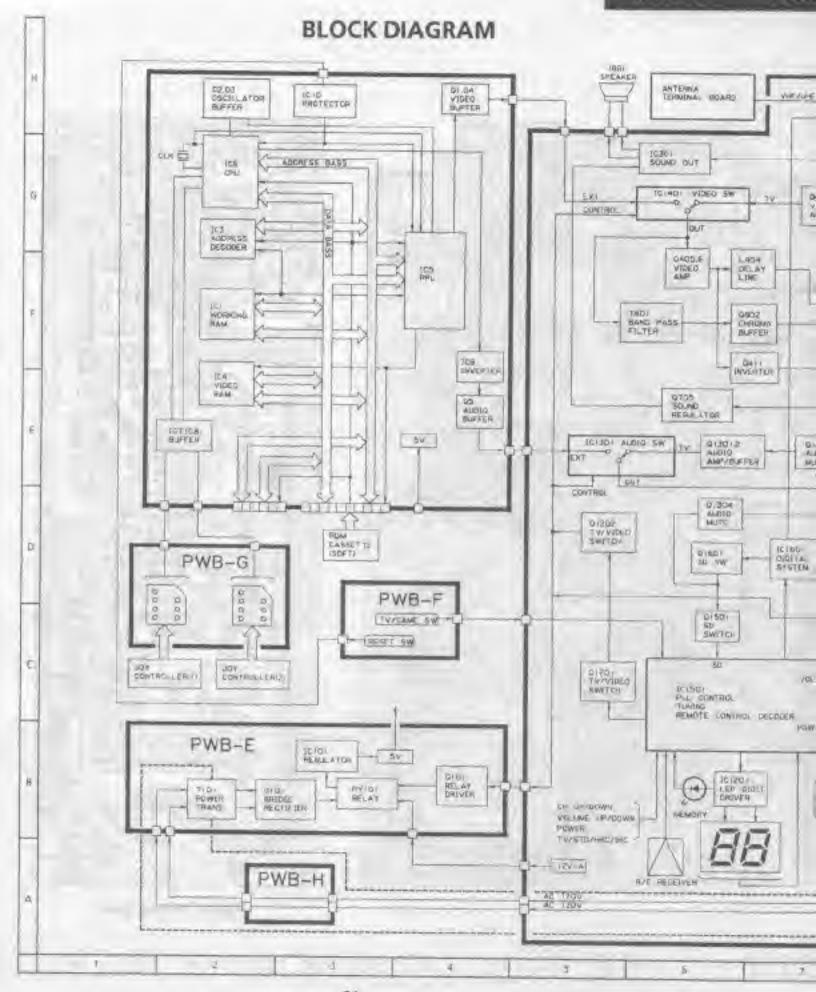
- Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
- Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
- 3. To be sure that no shock hazard exists, check for current leakage in the following manner:
- Plug the AC cord directly into a 120 volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as an electrical conduit or electrical ground connected to an earth ground.

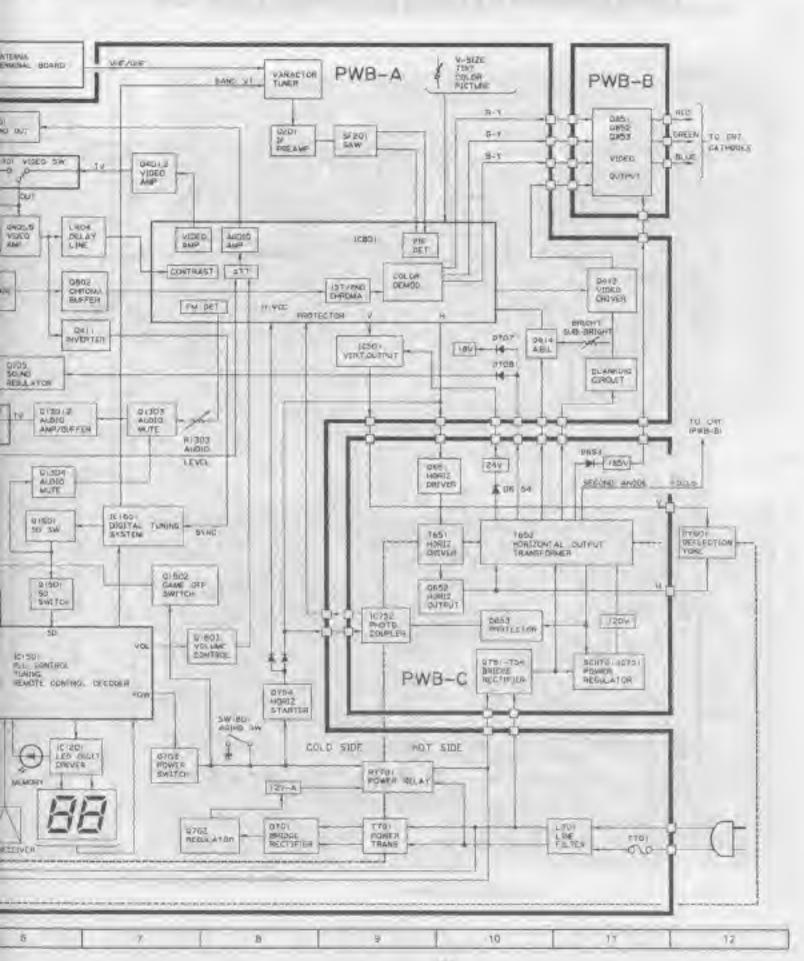




PWB-C Wiring Side

6	7	3	100	- 4		
O.			10		12	





# BLOCK DIAGRAM (Continued)

## IC1 and IC4: RH-iX1245CEZZ

### PINS ARRANGEMENT

G

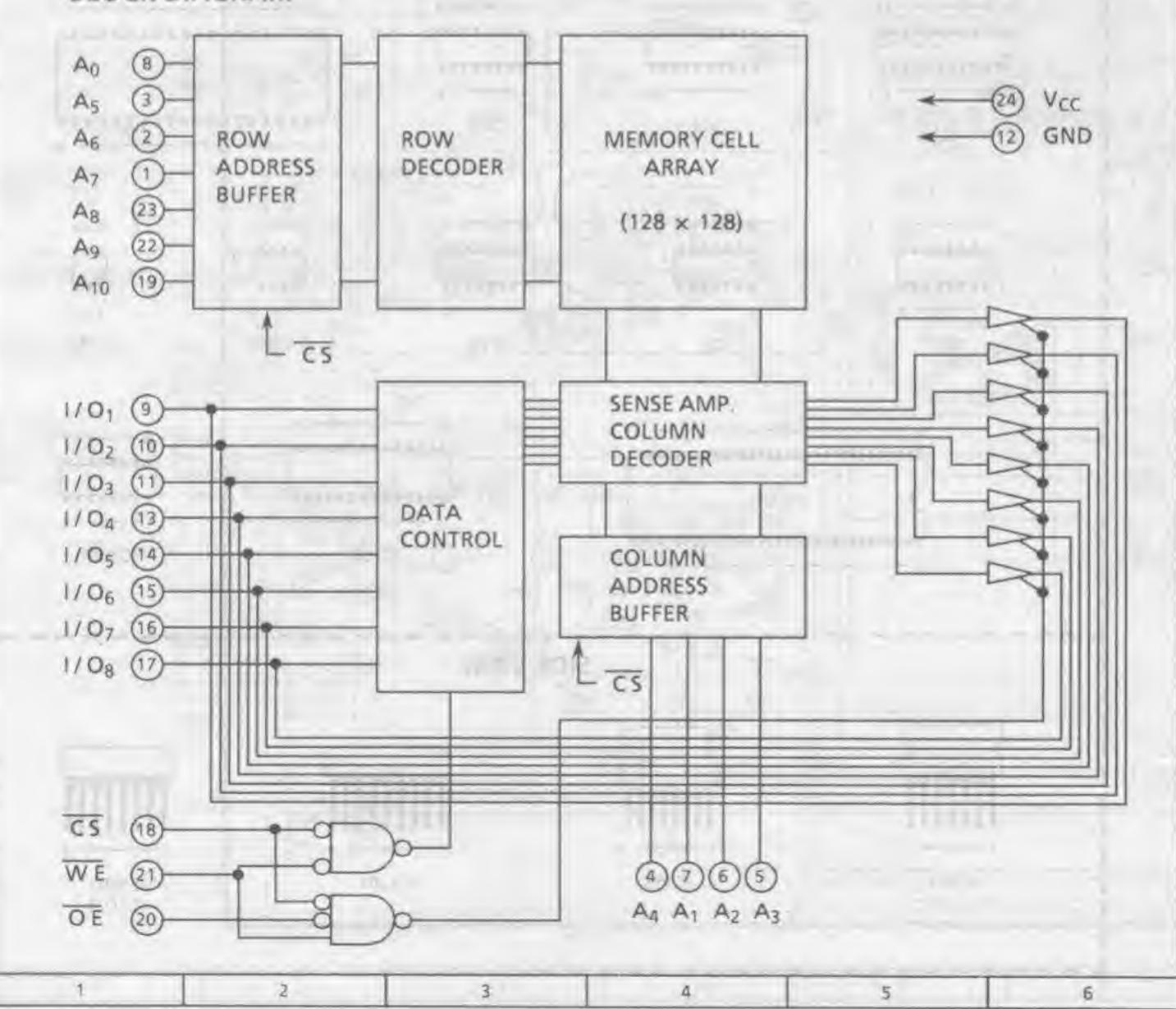
D

B

Pin	Function
A0 ~ A1	Address Input
CS	Chip Select
OE	Output Enable
WE	Write Enable
1/01~1/08	Data Input/Output
Vcc	Power
GND	Ground

A7 [	10	24	□ V <sub>CC</sub>
A6 C	2	23	☐ A8
A <sub>5</sub> C	3	22	☐ Ag
A <sub>4</sub> [	4	21	WE
A3 [	5	20	OE
A <sub>2</sub> [	6	19	☐ A <sub>10</sub>
A1 C	7	18	CS
A <sub>0</sub> [		17	11/0g
1/01 [		16	11/07
1/02 E	10	15	11/06
1/03 E	11	- 14	11/05
GND [	12	13	11/04

### **BLOCK DIAGRAM**



Output Control Input

Output

Input

Output .

Data Input

Output

Enable Input

Input

Output

7

CC

07

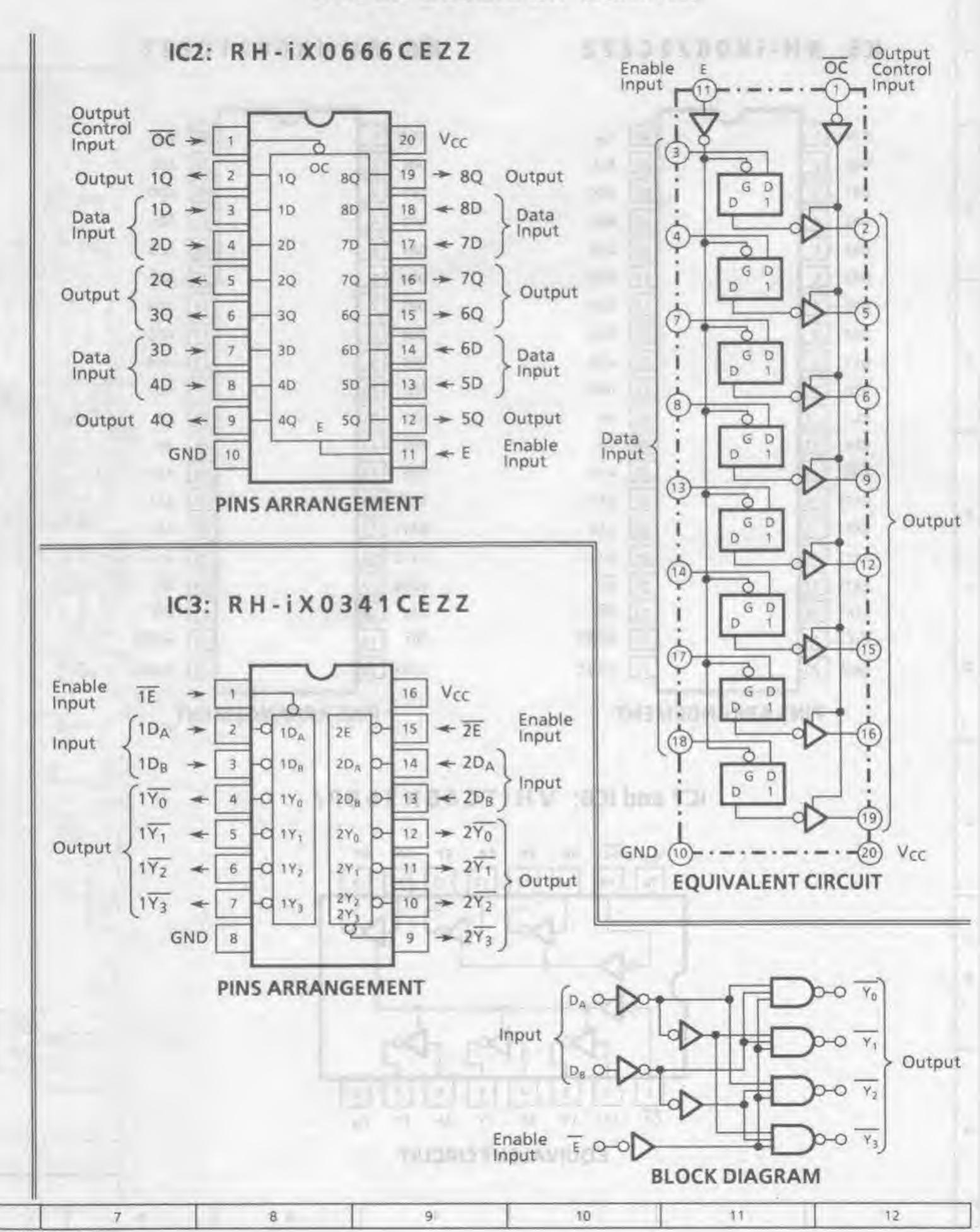
04

/cc

SND

6

## BLOCK DIAGRAM (Continued)

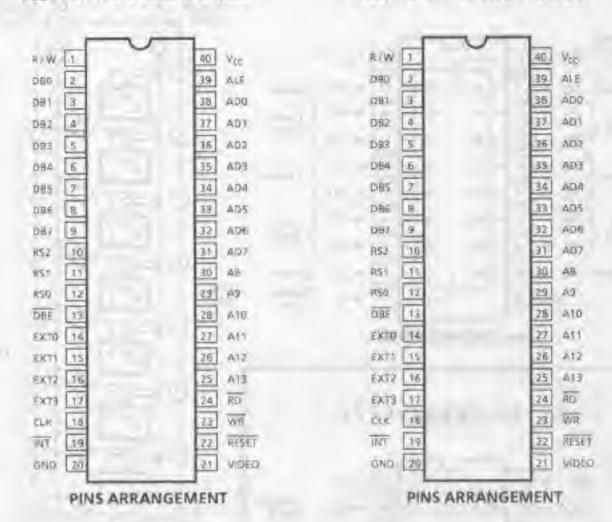


#### **BLOCK DIAGRAM** (Continued)

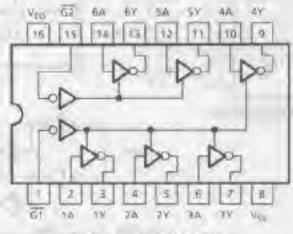
ICS: RH-IX0822CEZZ

н

IC6: RH-IX0821CEZZ

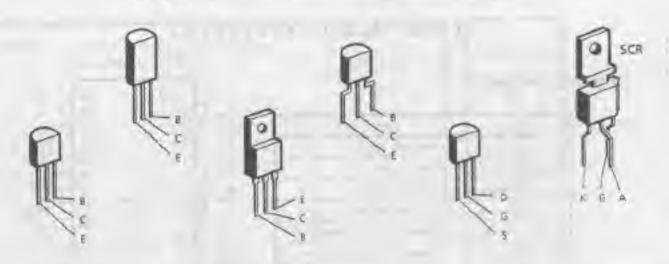


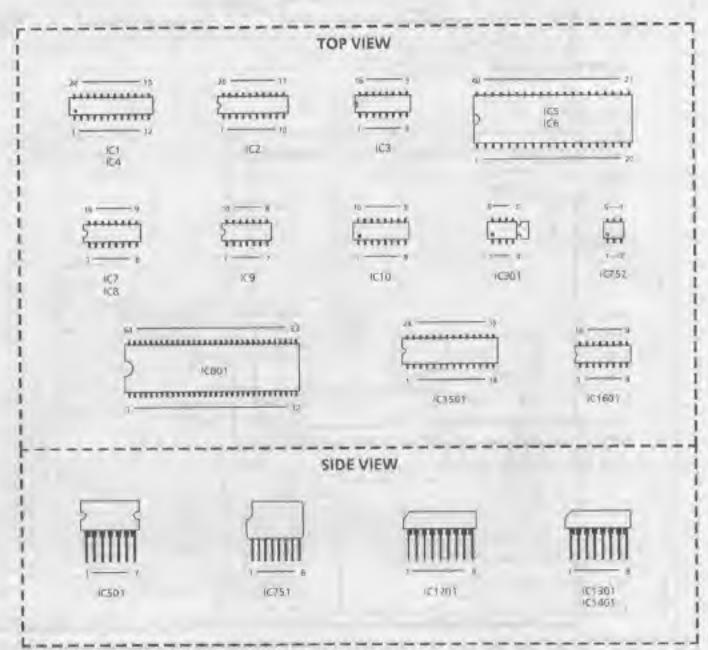
IC7 and IC8: VHITC40H368P/



**EQUIVALENT CIRCUIT** 

### SOLID STATE DEVICE BASE DIAGRAM





Memo

NOTE:

1. The un M:1 M

2. All resi

3. All cap 4. (G) ind 5. ≟ ind 6. ↓ ind

VOLTAG

I. All DO

connec line v norma 2. All vo

signal,

A AN

A MA

This circ circuits improve

# **DESCRIPTION OF SCHEMATIC DIAGRAM**

### NOTE:

- The unit of resistance "ohm" is omitted (K:1000 ohms, M:1 Meg ohm).
- 2. All resistors are 1/8 watt, unless otherwise noted.
- 3. All capacitors are μF, unless otherwise noted P:μμF.
- 4. (G) indicates ±2% tolerance may be used.
- 5. \(\preceq\) Indicates line isolated ground.
- 6. indicates hot ground.

### **VOLTAGE MEASUREMENT CONDITIONS:**

- All DC voltages are measured with AC voltmeter connected between points indicated and chassis ground, line voltage set at 120V AC and all controls set for normal picture unless otherwise indicated.
- 2. All voltages measured with 1000µV B & W or Color signal,

AND SHADED ( ) COMPONENTS

= SAFETY RELATED PARTS.

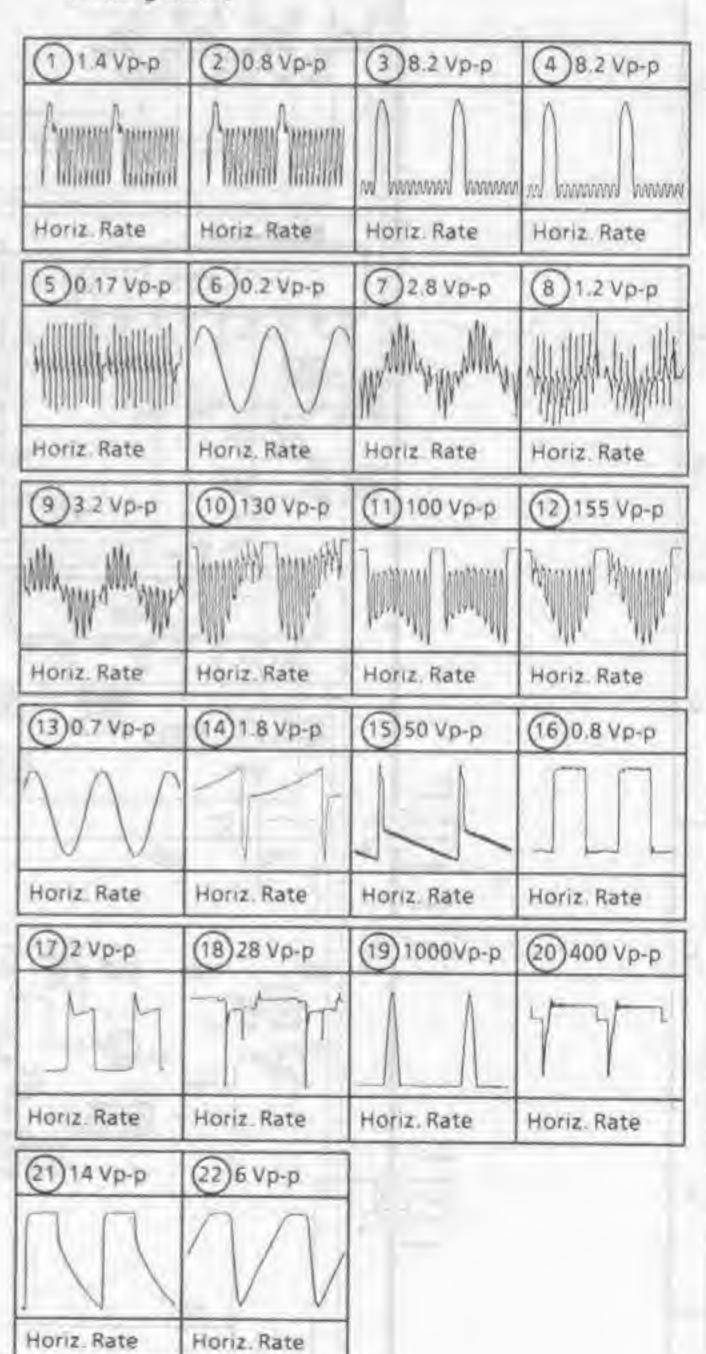
MARK = X-RAY RELATED PARTS.

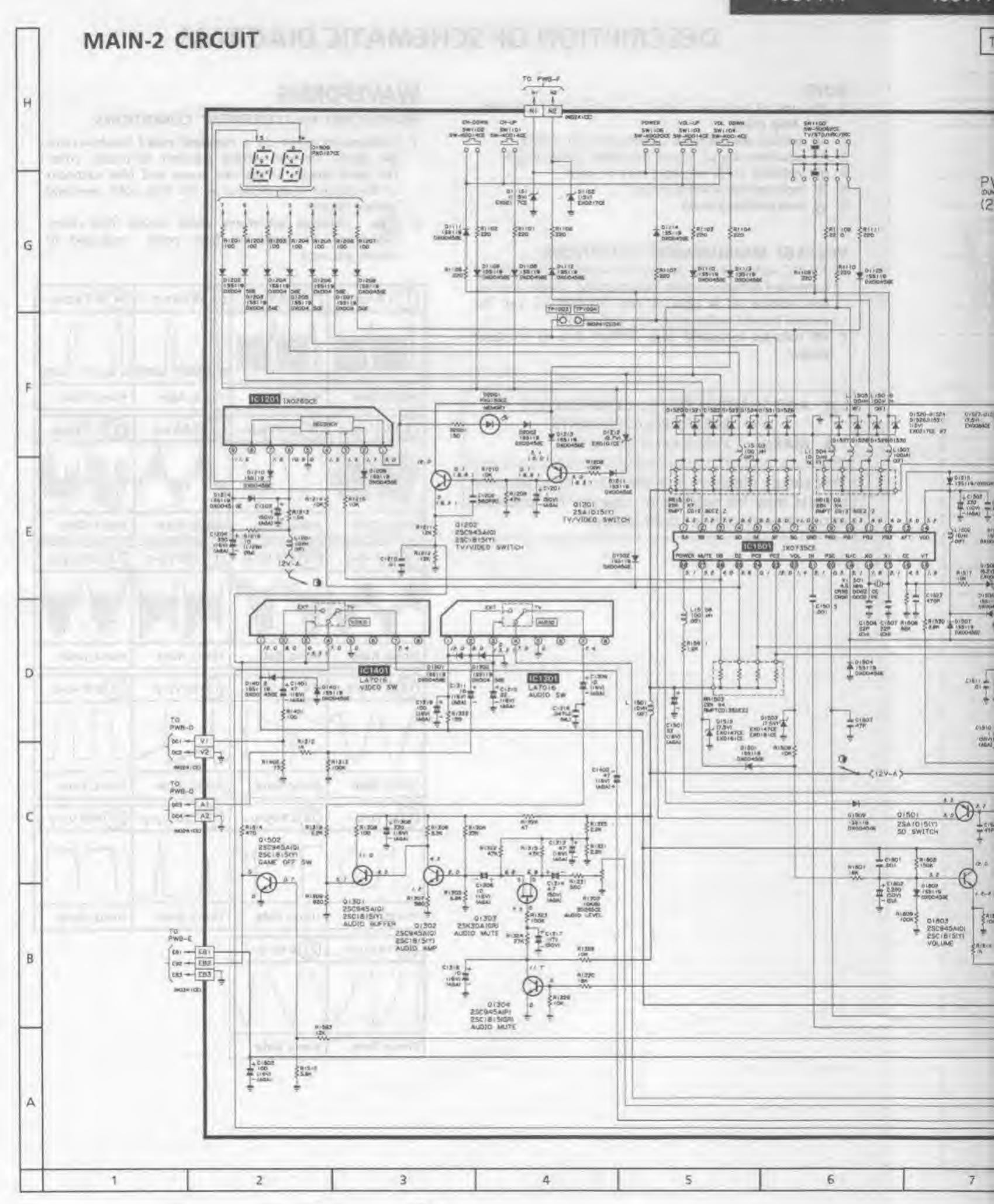
This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.

### WAVEFORMS

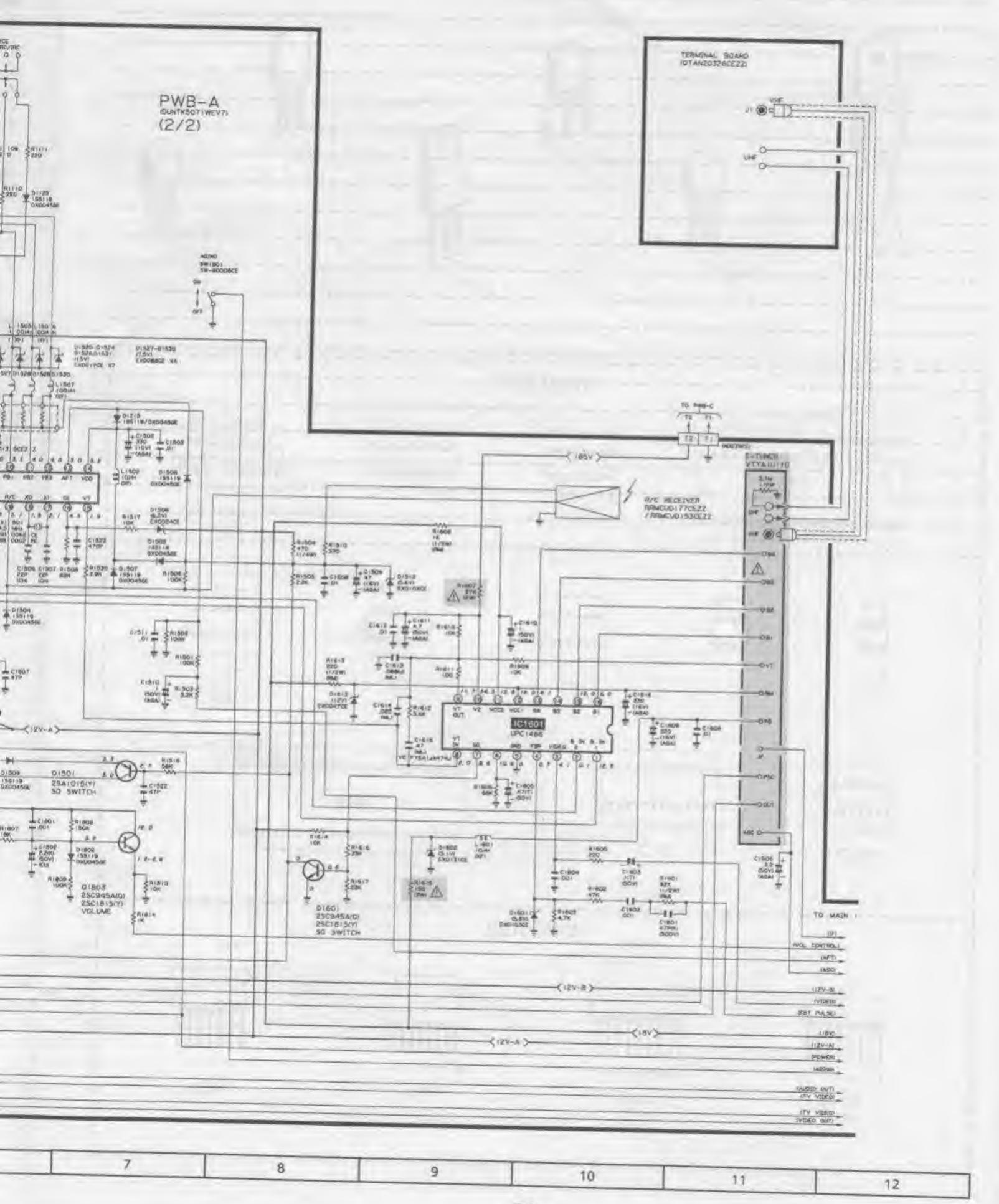
### WAVEFORM MEASUREMENT CONDITIONS:

- Photographs taken on a standard gated rainbow color bar signal, the tint setting adjusted for proper color. The wave shapes at the red, green and blue cathodes of the picture tube depend on the tint, color level and picture control.
- indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)

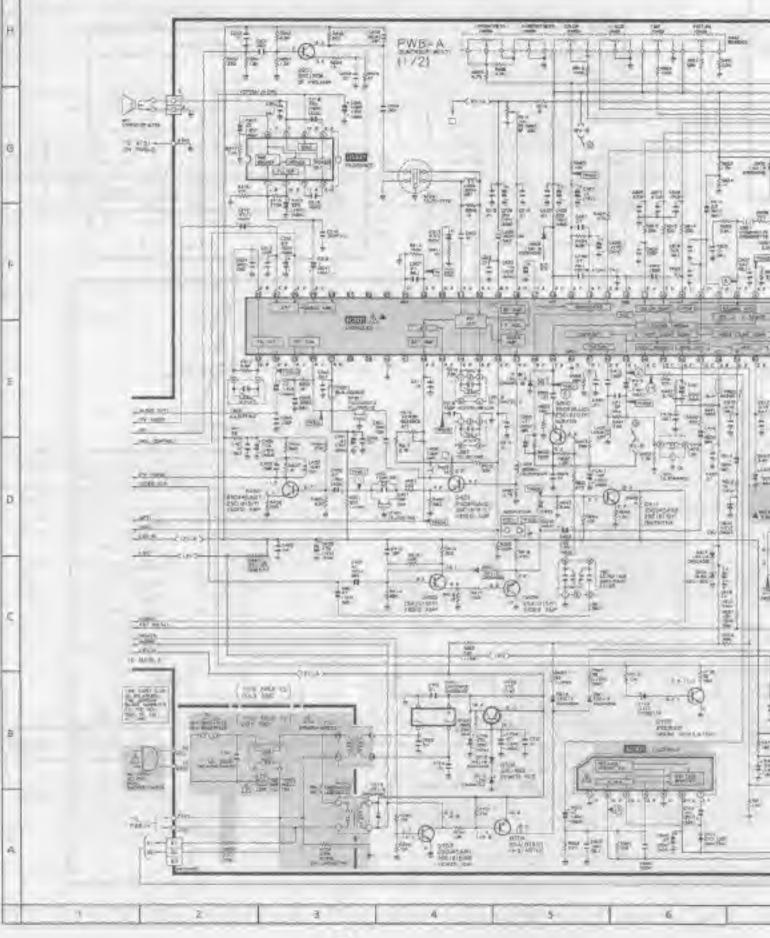




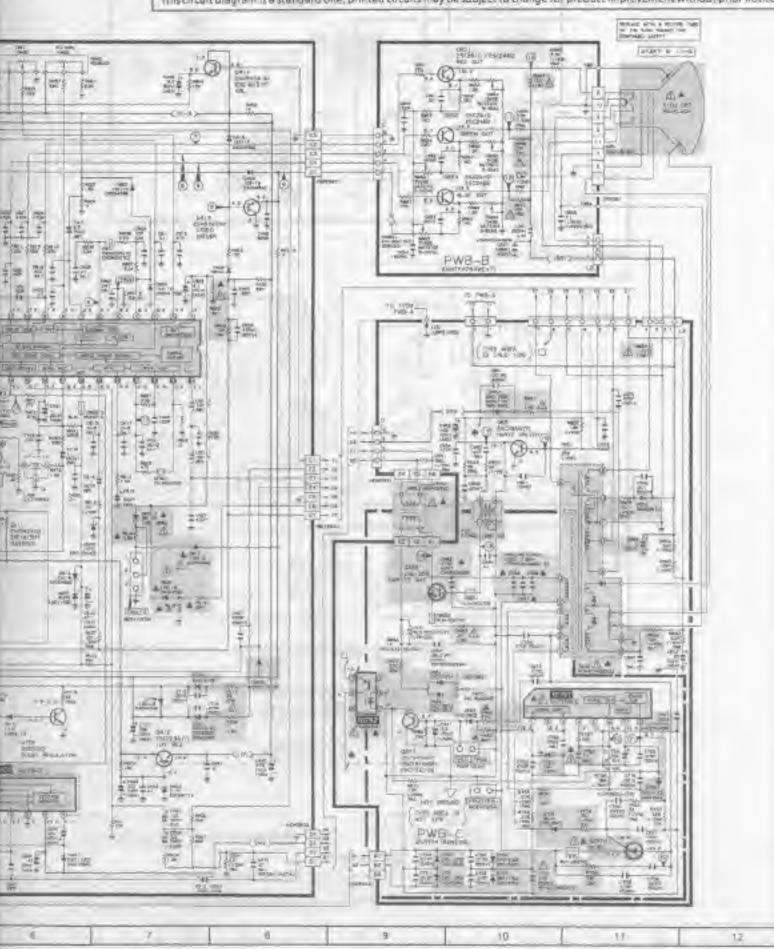
This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.

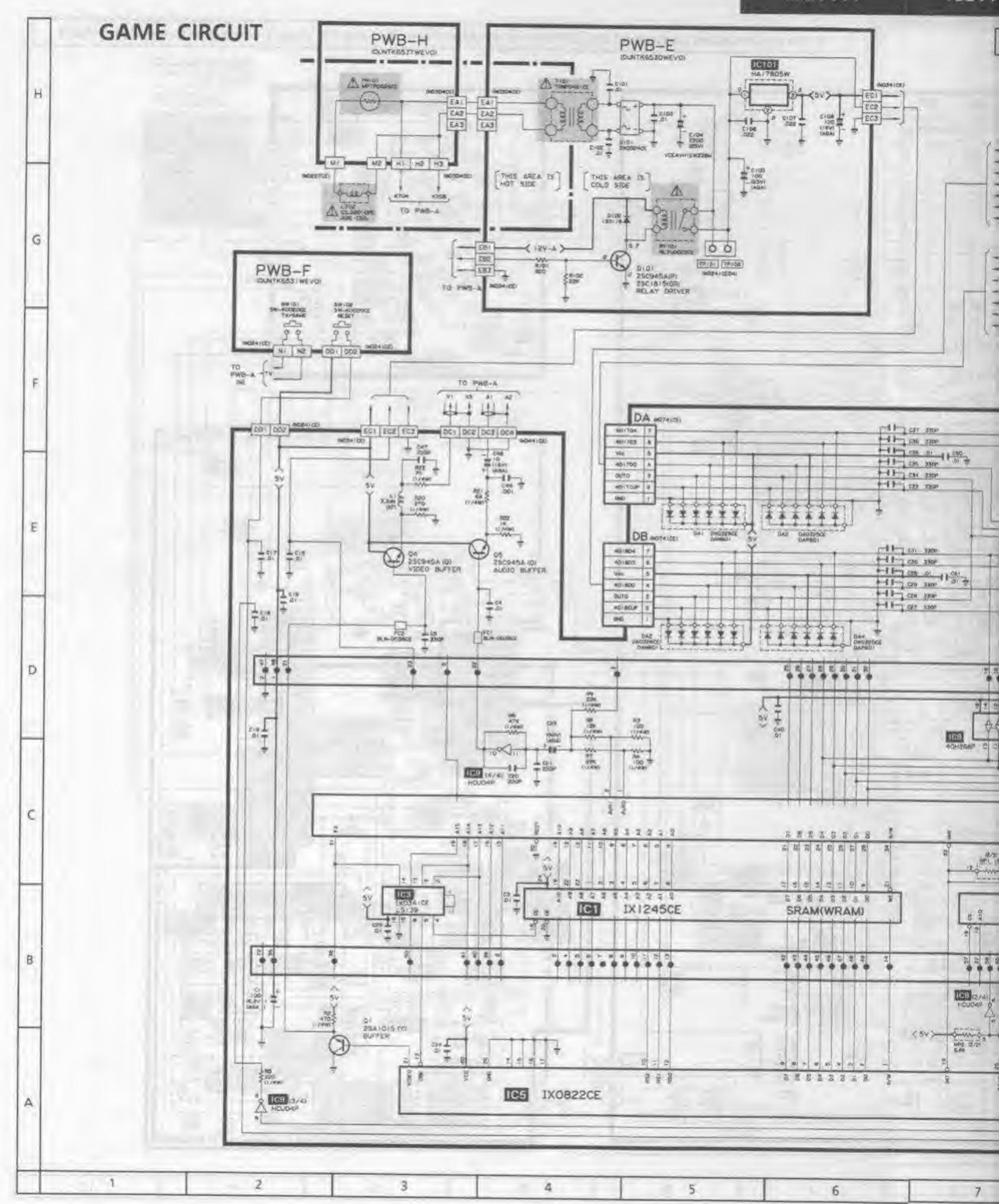


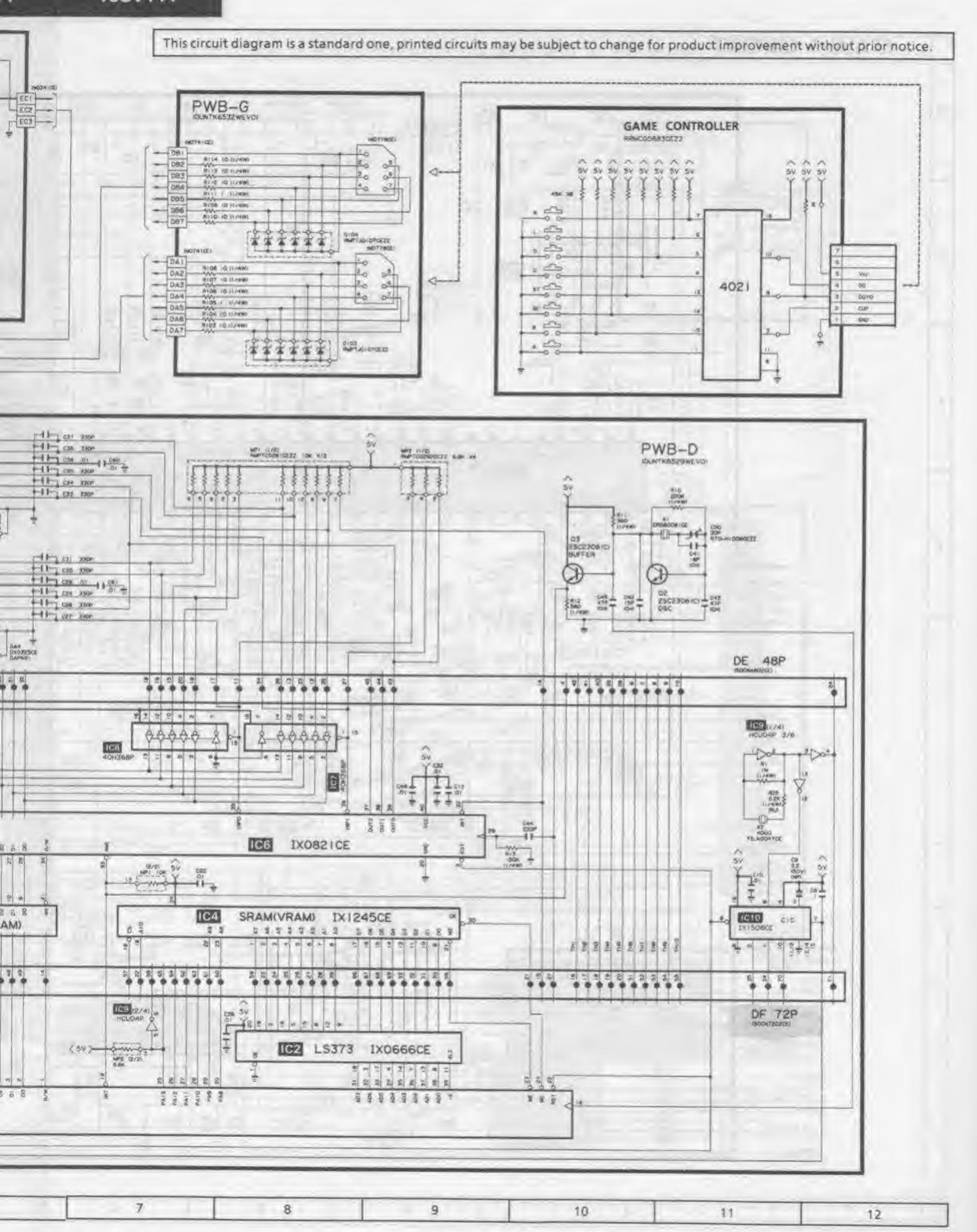
#### MAIN-1 CIRCUIT



This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.







#### REPLACEMENT PARTS LIST

SAFETY NOTE — Components marked with a [A] have special characteristics important to safety. Before replacing any these components, read cerefully the SAFETY NOTICE on page 3 of the Service Manual. Components marked with an (A) are related to X-Ray Protection orcuit.

HOW TO ORDER REPLACEMENT PARTS - To have your order filled promptly and correctly, please furnish the following information:

1. MODEL NO.

2. PART NO.

1. DESCRIPTION

Contact your nearest SHARP Fairs Distributor to order.

For location of SHAR? Perts Distributor, Please call Toll-Free; 800-447-4700

Ret. No.	Part No.	1.5	Description	Code	Ref. No.	Part No.	*	Description	Code
	PICTURE	TI	BE			INTEGRATED	a	RCUITS	
▲▲ V101 ▲▲ DY601 ▲ (762	VB4BJKL6GK/FS MCICH0040PEZZ MCICG0010PEZZ VSPAG0831CEZZ	1	CRT Deflection Yoke Degaussing Coll Wedge (3 pcs Used)	AV AC	IC301 A ICS01 IC1201 IC1301, 1401, IC1501 IC1601	TH-IX0014CEZZ RH-IX0238CEZZ RH-IX0800CEZZ TH-IX0260CEZZ VHILAZD16//-T RH-IX0735CEZZ VHIUPC1466C-T	1		AK AK AF AH AW AK
		K				TRANSIS	TO	RS .	_
PRINT	ED WIRING BO	AR	D ASSEMBLIES		Q201 Q401, 802,	V5 25C 1906//1E V5 25C 18 15YW /1	1	25C19D6 25C1815(V)	A.C A.R
PWB-A PWB-B PWB-C PWB-F PWB-F PWB-F	DUNTK 5071 WEV7 DUNTK 4784 WEV7 DUNTK 4783 WEV9 DUNTK 6529 WEVD DUNTK 6530 WEVD DUNTK 6531 WEVD DUNTK 6532 WEVD	1 1 1 1 1 1	Mother Unit CRT Socket Unit Power Regulator Unit Game Unit — Sub Fower Unit Switch Unit Socket Unit	17.1 17.1	411, 414, 802, 1202, 1301, 1302, 1601, 1803	V\$25C 8 4 5 AQ /-1	ú	25(7945A(Q)	AB
PWB-1/	DUNTK 6537 WEVO	1	Sub Unit		Q405. 406. 704. 1201.	V\$25A1015Y/1E	1	25A1015(Y)	A.C
					Q412	NZ 52C 3 5 8 6 1/- 1	3	25C2Z36(V)	AD.
PWB-A	DUNTK5071W	ĮΕ\	/7 MOTHER UNI	r I	Q413 10702	V\$ 254 5 6 2 T O /=1 V\$ 25C 1 9 8 3 / /- 2	1 1	25A562T(D) 25C1983	AD
	TUNE	-			Q703, 1304	VS25C945 AP /-5	1	25C945A(P)	AB
	HE PARTS HERE SHOW ASSEMBLY BUT NOT INC	WA			D705	V12SC1815GW-1 V12SC2Q02-K1A	1	25C1B15(GR) 25C2002	AB AC
Δ	VTUVTYA 1U 1 1 U/		Tuner - VHF/LMF	BK	Q1303	35 // DA DE 325 EV	-	25K30A(GR)	AD

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Cod
	DIODI	ES				DIODES (Co	ntin	ued)	
D401,	RH -DX 0 0 4 5 GEZZ	J	1N4148	AA	△ D707	RH-DX 0 1 8 1 CEZZ	J	RG2V	AE
406,	or	199		1000	1.00	or	III.	County of Street of Street	N.O.
410,	VHD 155119//1E	19	155119	AA		RH -DX 0 2 0 2 CEZZ	3	EU-2V	AE
601,	11.00 100 110 10 10	13	1447.74			10			1000
A 606,			ACTUAL TO	00		RH-DX 0 2 2 6 CEZZ	6	RGP10J	A
610,					△ D708	RH -DX 0 1 3 1 CEZZ	1	EU-1	A
				- 1	D7.10	RH -E X 0 0 2 1 TAZZ	1	Zener Diode, 11V	A
612,					D713,	RH -E X 0 0 4 7 CEZZ	1	Zener Diode, 12V	A
613,					1613	MA-EN OUN / CELL	3	Lener blode, 124	- FAI
709,		C.			D1151,	PU CV02176577	1	Zener Diode, 15V	A
712,		-				RH -E X 0 2 1 7 CEZZ	,	Zener Diode, 154	H
714,			and the second		1152,				1
801,			Control of the Control		1520				
803,		M			4504				1
804,					1524,				1
805,				1	1526,				
1108				1 1	1531	and the second		At the second	
T.	79.17			1 1	D1212	RH-EX0101 CEZZ	1	Zener Diode, 2.7V	A
1111,			Annual Control	1 1	D1503,	RH-EX0161 CEZZ	1	Zener Diode, 7.5V	A
1112,				1 1	1515	or		100	
1113,					E. comes	RH-EX0147 CEZZ	1		A
1114,	2				D1506	RH-EX0024CEZZ	1	Zener Diode	A
1125,					D1512,	RH-EX0103 CEZZ	1	Zener Diode, 5.6V	A
1202				1	1601	directed the			
- 1					D1527	RH -E X 0 0 8 8 CEZZ	3	Zener Diode	A
1210,	7 THE LAS	16	7		1				
1211,		17			1530				
1213,			111111111111111111111111111111111111111	1 1	D1602	RH-EX0131 CEZZ	1	Zener Diode, 5.1V	A
1214,		23		1 1	D1909	RH -P X 0 1 2 7 CEZZ	1	LED,	A
1215,		37					2	Channel Indicator	
1301,		101		1	D2001	RH -P X 0 1 9 5 CEZZ	1	LED,	A
1302,		N	100	1 3		100000000000000000000000000000000000000	100	Sleep Indicator	1
1401,		19				1		C. C	
1402,		и	-00	1 30	1 22				
1501,			100	1 1					
1502,				1 0	11111				1
1504,		V		1 30				100	
1505,				1 1	Table 1			175 175 155	
1507,	-		110000	1 3	2	1	1		
1508,			1000	1 3					
1509,				1 1					1
1802,	11-519					10000			
2002		-	-						
D404	VHD 1 N 3 4 A / / / - 1	16	1N34A	AB		PACKAGED	CIR	CUITS	
Date of the second		1	PERSONAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF T	AB					T
D405	RH-EXOD47TAZZ	1	Zener Diode		X801	R CRS B O O O 1 PEZZ	R	Crystal — 3.58MHz	A
D501	RH -DX 0 1 1 0 CEZZ	1	S5277G	AB	_	or			
	01	-	DEADES AT	4.0		R CRS B O O 2 7 CEZZ	1		A
A	RH-DX 0 1 5 5 CEZZ	1	DS135C-AT	AB	X1501	R CRS B O O O 2 PEZZ	R	Crystal — 4.5MHz	A
▼ D605	RH-DX 0 1 1 0 CEZZ	3	S5277G	A8		Of			
D605	RH-EX0116GEZZ	1	Zener Diode, 6.8V	AB		R CRS B O O 6 2 CEZZ	1		A
▼W De08	RH-EX0130 CEZZ	1	Zener Diode, 20V	AB				A CONTRACT OF THE PARTY OF THE	10
D640	RH-EX0200CEZZ	1	Zener Diode, 12V	AB	2			2.1	
D701	RH -DX 0 2 0 8 CEZZ	1		AE					
	Or PU DV 0 3 0 0 CE77	1	1D4842	AE					
	RH -DX 0 2 0 0 CEZZ	1 3	104042	MAG					

Ref. No.	Part No.	12	Description	Code	Ref. No.	Part No.		1	Description	Cod
	COIL	s				CAPACI	TO	RS		-
L202,	VP-RFR82 K 0000	T	0.82µH	AB	£209,		T	1	admin.	T
203	44-14-14-05-00000	F	0.0241	Alb		VCEAGATEW337M	13	330	16V	AC
1205	VP-MKRS6 M0000	U	0.56µ/	AB	317,		1		Electrolytic	
L206	RCILIDA73CEZZ	E	Pil Detector	AD	319,		П	1		100
L207	RCILIDSIDCEZZ	13	AFT	AF	492,					
L303	RCILIO37 ACEZZ	R	Sound Detector	AD-	1			1		14.
L401,	VP-XF100K0000	13	10aH	BA	1204,		١.			111
601,	47-70-10-01C0000	1.	10,011	P.S.	1308,		11			1
1201.					C335	VCEAGATEW108M	١.	4 nino	****	1
1.501.					233	VCEAGATEVIUM	1	1000	164	AD
1502.					C607.	VCESAA1CW476M	1	47	Electrolytic	13
1601				1 1	BET	ACE SHOW LEAR A LEW	1	40	15V (N.F)	AC
1,402	VP-XE150K0000	10	15111	AB	C478.	VCE SAATHVYTOSM	1	10	Electrolytic	100
L403	VP-0.F171 C0000	1	120µH	AC	514	ACC SYNVILLANIDSIM	10	1	50V (N.P)	AB
1.404	RCILZB494CBZZ		Delay Line	Arr	C423;	VCEAGA.1CW227M	,	220	Electrolytic	100
1405	REILPODS 4 CEZZ	1	180MHz Filter	AB	1609	TOTAL TOTAL TOTAL	10	220	CTC	AC
1406.	VP MK 1 0 0 K 0000	14	10µH	0.0	6424	VCG SPA 2HE 470 K	1	47p	Electrolytic 500V	65
502	T. C. Control of Speed	15	1.560	1800	1601	KOM SEW THE AVEN	3	asb	Ceramic	AA
A (701	RCILFODSTCEZZ	12	LineFilter	AL	C438.	VCEAGA) CW477M	w	470	16V	100
	ar na	M		100	442	7 CONSIGNATION OF	-	ALC:	Electrolytic	AC
	RCILFOGBSCEZZ	9		Ak	C504	VCEAGA) VVV107M	. 3.	100	35V	100
11503	VF-X F10 1 K 0000	1.2	3000046	AB		- Semandical Interne		100	Electrolytic	AC
4	100000000000000000000000000000000000000	M	100	100	C505	VCEAGA/WW4 YGM	1	47	35V	2.0
1808		1.11			24.44	7 SUPPLY THE PORT		-410	Electrolytic	'b'B
	V	Ш		1 1	C512	VCEAGA 'EWIORM	J.	1000		AD
	1		1		200	THE PERSON	1	1000	Electrolytic	140
	FILTER	25			C627.	VOXYPAZHB421K	J.	Atom	500V	AA
204	Luciania				719	T. C.	1	1	Ceramic	1995
SF201	REIL CO 137 CEZZ	19	Surface Applistic	AH	A-6701	RC - QZ D 2 0 DCEZZ	1	D.T	AC125V	AE
Section.	Or . Blockway	W	Wave Filter	100	(2)	100000000000000000000000000000000000000	lin.		UL Spec	100
CF301	REIL COOZ STAZZ	18	Sound Take-Off	AD	6712	VCK YPA 2HB 152 K		0.001	5 300V.	AA
	91	О				Annual Control	7	-	Ceranic	100
CEART	BEIL COOD 1 CEZZ	14		AE	C720	VCEAGATEW337M	5	330	25V	AE
CFBOT	RFILCOOT3CEZZ	65	45MHzTrap	AE	1			100	Electrolytic	100
CEDILI	REILAGOG SCEZZ	4	503kHz	AF	C725	VCEAGAT VW477M	1	470	35V	AD.
				1	100				Electrolytic	1000
	TRANSFOR	HUI	28:		CROS	VCES AANIWATAM	151	0.47	58V (N.P)	AC
				_				200	Elischrolytic	1
A 1701	RTHN FO416 CEZZ	1	Power Transformer	AV	CB15	VCE9 AATHW225M	,	2.2	50V (N.P)	AB
7801	RCH VO 118 CEZZ	1	Band Pass Filtor	AD	3.7			-	Electrolylic	Ad
					E817	VCEAGA1CW107M	1	100	16V	AB
					1319,			74	Electrolytic	MB
	CONTRO	DLS			1803				-icologram	
R21A	WARE IN THE PART OF THE	-	#60 (6) #5 1 4 1		C1502	VCEAGA1AW337M	3	230	toV	40
R216	RVR-85198CS2Z RVR-85269CEZZ	4	1DR(B) RF-AGC	AC	-		17		Electrolytic	S-II
6462	RVR-85292CE2	M	100k(B) AFT	AB			99		- General as	
113302	NAME OF STREET	1	TOK(8) Brightness/ 10k(8) Sub-Bright7	ĀK	3	11	1			
			10k(8) Color/				Εy			
		П	11(B) Vert. Size/				П			
			TOR(B) Tint/				Ш		100	
			10k(s) Nouse							
R1303	RV# - 85 2 6 5 CFZZ	1	10k(s) Audio Level	AB			1			

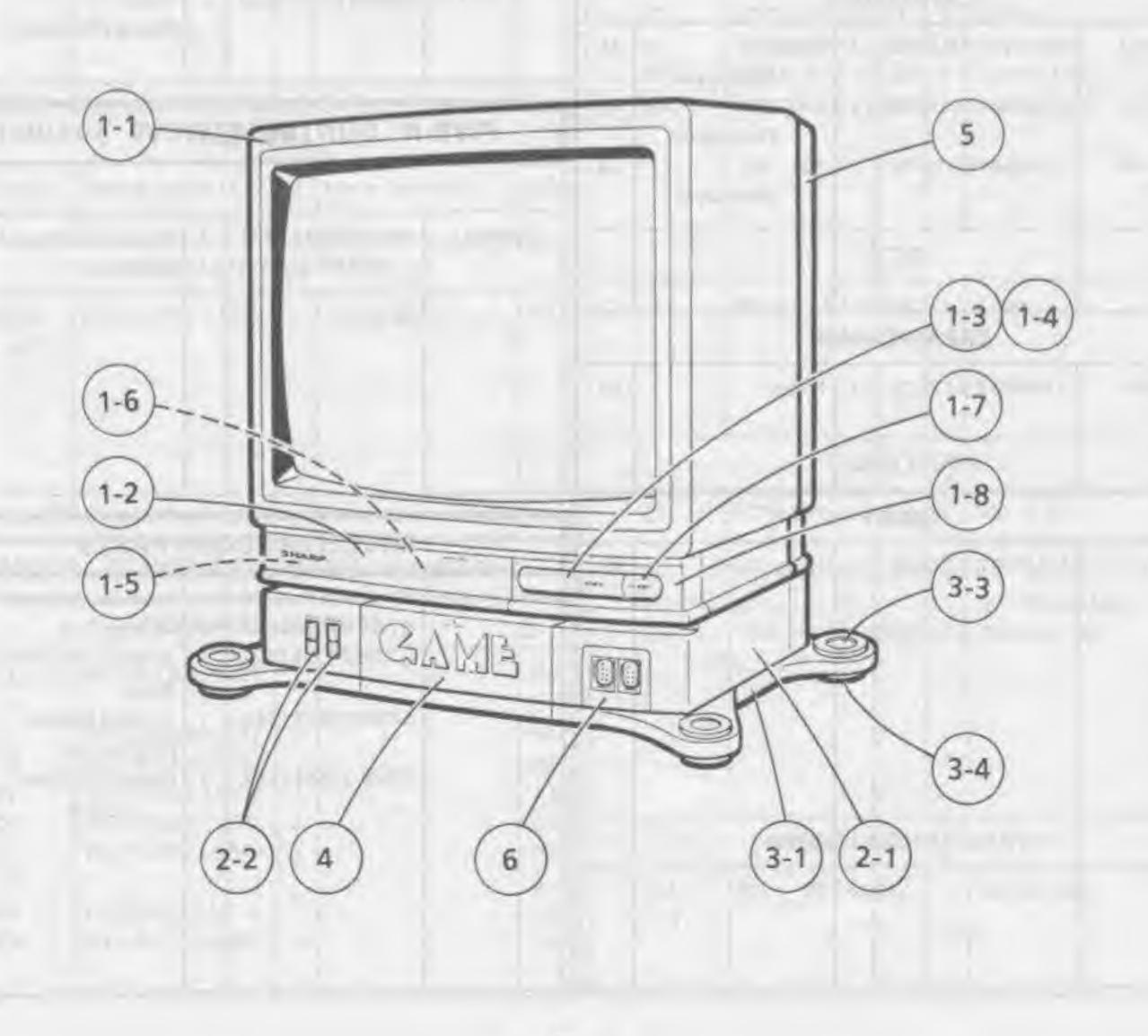
Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Cod
	RESIST	OR!	.3		PWB-B	DUNTK4784W	EV	7 CRT SOCKET U	NIT
<b>▲</b> R448	VRS-VV3AB123J	1	12k 1W Oxide Film	AA		TRANSIS	TO	RS	_
<b>▲</b> R480	VRS-VV3LB270J	1	27 3W Oxide Film	AB	Q851, 852,	VS2SC 2 4 8 2 / / - 1	1	2SC2482	AD
▲ <u>∧</u> R614	VRD-RA 2 BE 3 9 3 J	1	39k 1/8W Carbon	AA	853	VS2SC 2 6 1 0 / - 1 E	-1	2SC2610	AD
▲ R615	VRD-RA 2 BE 1 2 3 J	1	12k 1/8W Carbon	AA		Section 15 Control	100	The second second	130
▲ R616	VRD-RAZBES62J	1	5.6k 1/8W Carbon	AA	0.3	15 LEWIS - 17 LEWIS	14.8	733	
<b>▲</b> R622	VRO-RA 2 BE 153 J	1	15k 1/8W Carbon	AA			_	-	
<b>▲ R702</b>	VRW-KV3NC2R7K	1	2.7 7W Cement	AC		COII	4		
⚠ R706	VRN-VV3A81R0J	3	1 1W Metal Coating	AA	L851	VP-LK221K0000	1	220µН	AC
<b>▲</b> R717	VRS -VV 3 LB 3 3 0 J	7	33 3W Oxide Film	AB	-			all 18 car	
R718	VRS-VV3LB820J	J	82 3W Oxide Film	AB		CONTR	OLS		
R725	VRS-VV 3 AB 2 7 1 J	1	270 1W Oxide Film	AA	R854 859,	RVR-B4732CEZZ	J	Sk(B) Red Bias, Green Bias,	AC
△ R729	VRC-UA2HG 275K	1	2.7M 1/2W Solid	AA	864			Blue Bias	7
▲ R1607	VRS-VV 3DB 2 7 3 J	1	27k 2W Oxide Film	AA	R860, 865	RVR-BA727CEZZ	3	300(B) Green Drive, Blue Drive	AC
▲ R1615	VRS-VV 3DB 1 5 1 J	1	150 2W Oxide Film	AA				Value of the	
RR1501	RM PTC 0 1 2 B CEZZ	)	22k x 7 Resistor Array	AB	Line	CAPACIT	OR	S	
RR1502, 1503	RM PTC 0 1 3 5 CEZZ	2	22k x 4 Resistor Array	AB	C855 C857	RC-KZ0016CEZZ VCQPSC2GA563K	1	0.01 1.4kV Ceramic 0.056 400V Polypro Film	AC AB
7	SWITCHES AN	IDI	RELAY			RESISTO	DRS		
SW1101, 1102, 1103,	QSW-S 0 0 6 2 CEZZ QSW-K 0 0 1 4 CEZZ	j	TV/STD/HRC/IRC Channel Up, Channel Dowon, Volume Up,	AG AC	△ R867, △ 869, △ 871	VRS - VU 3AB 123 J	1	12k 1W Oxide Film	AA
1104 SW1106	QSW -K 0 0 2 0 CEZZ	1	Volume Dowon Power	AD		SWITC			
SW1801 ▲ RY701	RR LYU 0 0 2 0 CEZZ	7	Aging Power Relay	AC AK	SW851	QSW-B0015 CEZZ		Service (Cut-off)	AC
	RR LYU 0 0 1 8 CEZZ	,		AL					100
	MISCELLANEO	US	PARTS			MISCELLANEC	ous	PART	
<b>△</b> F701	QFS-B4023 CEZZ	J	Fuse —4A 125V AC	AC	\$851	QSOCV 0 9 1 3CEZZ	3	Socket — CRT	AK
	QFS-B4021GEZZ	4		AD				0-2-11	
	QFSHD1002CEZZ	,	Fuse Holder — F701 (2 used)	AA					
FB301, 603	R B LN - 0 0 3 6CEZZ	1	Ferrite Bead	AB					
503	RRMCU 0 1 7 7 CEZZ	1	Remote Control Receiver	AN					
	RRMCU 0 1 5 3 CEZZ	1	Veceinei	AR					

Raf. No.	Part No.	1.	Description	Code	Ref. No.	Part No.	+	De	scription	Cod
PWB-C	DUNTK4783W	EV	9 POWER REG.	UNIT		CAPACI	roi	RS		
	INTEGRATED	CI	RCUITS		C653	VCEAGATEW TOTM	V		25V	Ab
▲▲ 10751 ▲▲ 10752	RH-1K0359CEZZ RH-FK0003CEZZ			AL AK	▲	VCS PPIO 3CA 222 I	J.	0.0022 Motali	zed Polyster	AD
					C659, 757,	VEK YPA 2HB 471 K	1	470p	500V Ceramic	ДД
	TRANSIS	TO	RS		759, 760,					
Q651	V\$25C2655Y/-1	17	25C2655	AE	765	Hamman Co.				
▲ Q657 Q653	V\$25D 1554 //1E V\$25C 9.45 A.P /-1	1	2SD15S4 2SC945A(P)	AL	C660	VCX YEA ZHE 102 K	3	friid.	Ceremic	AA
	OF VS 25C 1 8 I 5 GW-1	1	25C3B15(GR)	AB	E861	VCQ PSB 2 (A.102 K	1		Polypro Film	AB
		n			£664	ACE bed 2 DB 3841	1		red Polyster	AE
					∆ C667	MC - KZ O D 3 O CEZZ	1		AE125V Ceramic	AD
△ D651.	RH-DX 0.1 0 S TAZZ	-	TVRIJ	DAG	<u>A</u> C6€8	VCEAAA ZEW 106M	1		Z50V Hectrolytic	AD
△ 652	RH -DX 0 1 3 Z CEZZ	1	EU-IA	AC	<u>▲</u> ∆ €669	RC KZ0038CEZZ	1		ZkV Ceramic	AB
△ D659 △ D654	RH-DX D 0.8 6 TAZZ	1	RH15	AC	C670	VCK YPU 2HB 47/1 K	1	4700	500V Ceramic	AA
X7 0034	RH IDX 0.13 2 CEZZ	R	EU-1A	AC	C072,	VCK YFB ZHE 103 P	2	10000	500V Ceramio	Aff
	RH -DX 0 1 2 6 CEZZ O/	4	TVRIGITE).	AC	754				591.4(1)10	
D655	RH -DX 0 1 3 1 CEZZ	1	EU-1 TVRIG(TP)	AC AC	△ C753	RC-E20082CE22	1	100	200V Ejeçirolytic	AQ
△ D751	RM-DX 0 1 1 D CEZZ	1	55277G	AB	C756	VCQ P58 20A 473 K	ļ	0.047	YOOK	AB
△ 0754 △ 0755	RH - DX 0 1 S 5 CEZZ RH - E X 0 1 D 5 CEZZ	1	DS135GAT Zener Dione, 82V	AE AB	C758	VCK YPA ZHB 332 K	3	0.00335		AH
△ 0756	RH-DX 0 13 1 CEZZ or	4	EU-1	AC	∆ €761	VCEAAH2CW107M	1	100 1	Geramic 160 V	AE
<b>∆</b> 5CR751	RH - DX 0 1 2 6 CEZZ VH5 354 M / / LB/E	7	TVR1G(TP) Silican Controlled	AC Ak	<b>▲</b> ∆.0769	VCQYSH THM 103 K	1	001 5	Electrolytic 80V Vyla-	AA
	_		Rectifier		E764	VCEAGA1EW 337M	1	330 3	5V. ectrolytic	ĀC
					C776	VCK YPA 2/18 152 K	4	000155	000V	AA
	COIL								Deremis	
4,651	RC1120527CEZZ	1	Linearity Coil	ΔF						
							ľ			
	TRANSFOR	ME	RS							
△ 7651	RTTNZO168C6ZZ	2	Horizontal Driver	AH						
<u>∧</u> 1652	R THREF # 46 2 CE22	8	Horizontal Output	80						

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Cod
	RESISTO	ORS				TRANSIST	ГОР	RS	8)/419
R654	VRS-VV3L8390J	J	39 3W	AB	Q1	VS 2SA 1 0 1 5 Y /-1	1	2SA1015(Y)	AC
		m	Oxide Film		Q2,	VS 2SC 2 3 0 8 C / -1	1	2SC2308	AB
<b>△</b> R655	VRN - VV 3ABR 3 3 J	1	0.33 1W	AA	3			CONTRACTOR OF	
	and the second		Metal Coating	0.8	Q4,	VS 2SC 9 4 5 AQ /-1	1	2SC945A(Q)	AB
<b>△</b> R656,	VRN - VV 3AB 1R 0 J	1	1 1W	AA	5				
△ 661			Metal Coating						
<b>△</b> R657	VRS-VV3DB3311	1	330 2W	AA					
A			Oxide Film	130		1 1000	6		
<b>⚠</b> R658	VRS-SV 2HC 100J	,	10 1/2W	AA					
<b>△</b> R662	VRS-SV 2HC 1031	1	FR Oxide Film 10k 1/2W	AA		DIODI	ES		
NA HOUZ	VII.3-34 EIIC 1033		FR Oxide Film	~	2.1	In supplement		12000	1.
△ R664	VRN - VV 3ABR 471	3	0.47 1W	AA	DA1.	RH -DX 0 3 2 6 CEZZ	1	Diode Array	AK
444		m	Metal Coating		DA2	DU DV 0.2.15 CC22		Diada Assaul	AK
▲ A R665	VRD - RA 2BE 6831	j	68k 1/8W	AA	DA2,	RH -DX 0 3 2 5 CEZZ	2	Diode Array	An
			Carbon					The second	
▲ <u> ∧</u> R666	VRD-RAZBE473J	1	47k 1/8W	AA	11111				
			Carbon		-		-		
⚠ R754	VRS-VV3LB3311	1	330 3W	AB		0.3			
A 6750	Vine ellatteres		Oxide Film			DACKACED	cin	er i i e	1-30
⚠ R759	VRS-SV 2 HC 1511		150 1/2W FR Oxide Film	AA		PACKAGED	CIR	CUIT	-
			EN ONIDE CHILL		X1	RCRS 8 0 0 8 1 CEZZ	1	Crystal	Al
			7		X2	RFILA 0047 CEZZ	1	With the last of the last	A
		55	and the same of		MP1	RMPTC0281CEZZ	1	Resistor Array	A
		-		1	MP2	RMPTC 0 2 8 2 CEZZ	1	Resistor Array	A
	SWIT	CH							
SW751	QSW-B0006CEZZ	1	Horiz: Centering	AC			18	(110	
	MISCELLANEC	us	PARTS			COIL			0.0
4,000					£1	VP-XF3R3K0000	1	3.3µн	AB
F8651, 652, 751	RBLN-0037CEZZ	3	Ferrite Bead	AB					
						CAPACIT	OR	S	
		0	P LINE LE	لللا	C1	VCEAGA 0JW 107M	J	100 6.3V	AA
DIMP	D DUNTK6529	100	EVO GAMEUNIT		144			Electrolytic	
PVVD*	D DONTKOSZS	VV	EVU GAINEUNI		C9	VCE 9AA1HW 225M	1	2.2 50V (N.P)	A
	INTEGRATED	CIF	CUITS		C50	RTO-H1008 CEZZ	1	Electrolytic Trimmer, 30p	A
ici,	RH-IX1245 CEZZ	1		AP			-		1
4			V. 1						
IC2	RH - I X 0 6 6 6 CEZZ	1	1 1	AL					
Drawn ster.	RH-IX0341CEZZ	1		AF					
IC3	RH-IX 0822 CEZZ	4		AZ		5000000		HIII.	
IC5		1		AY		MISCELLANEO	ILIS	PARTS	
ICS IC6	RH-IX0821CEZZ	1.0		AK		THE CELESTIFIED			
IC5 IC6 IC7,	VH ITC 40 H 3 6 8 P/	1		Part		1 ( 2 )	17.2	S I I ST S II I S S	1.000
IC5 IC6 IC7, 8	VH ITC 40 H 3 6 8 P /	1			FC1,	RBLN-0036 CEZZ	1	Ferrite Bead	A8
IC5 IC6 IC7,		1		AE AL	FC1,	RBLN-0036 CEZZ	j	Ferrite Bead	A8

Ref. No.	Part No.	+	Description	Code	Ref. No.	Part No.		Description	Code
PWB-E	DUNTK6530W	EV	0 SUBPOWER	UNIT	PWB-	F DUNTK6531	WE	VO SWITCH UN	IT
100	INTEGRATE	D C	RCUIT			SWITC	HES		
(C101	VH I HA 17805 W-1	1		AD.	3W101.	Q5W-K 0 0 2 0 CE22	I	TV/GAME. RESET	AD-
	TRANSI	STC	R	-		12	M		
Q101	V\$250945AP1-1	1	2SC945A(P)	BA			ľ		10
	V\$25C 18.15 GW-I	1	25C1815(GR)	AB					
					PWB-0	5 DUNTK6532	WE	VO SOCKETUN	IT
	DIOD	ES			717	DIODI	5		
D101 D102	HH -DX D 3 2 4 CEZZ VHD 1 S S 1 1 9 //-1	1	155119	AC AB	D103, 104	R MPT 10 1 0 7 CF2Z		Zener Diode Array	AE
						SOCKI	7		
	CAPACIT	TOR	5			QSOCN 07 / B CEZZ	1	Societ	AE
C104	VCE AVH 1EN ZZBM	1	2200 25V Electrolysic	ΔE				(Game Controver)	
C105	VCEAGA1CW107M	0.	100 25V Electrolytic 100 15V	AD	PWB	H DUNTK653	7 VV	EVO SUBUNIT	
		l,	Electrolytic		△ PRIOI	RMPTP@D26CEZZ	7	Positive Coefficient Thermistor	A.S
	TRANSFO	RM	ER	-			н		
ATIO	RTRNP 0 & 8 1 CE22	1	Pówei	AX					
	RELA	V							
▲ RY101	RRLYLIDG J DCEZZ	,	Fower Reray	AH		MISCELLANEO	US	PARTS	
					Δ	VSPO DT OP-E 763 D ACC DBOTA CESA D TANZ 0326 CEZZ RRMCG 0684 CESA RAMCG 0683 CESA	1	Specker — 8 phm AC Line Cold. Antenna Terminal Board Intrared Remote Control Unit Game Controller (2 pts)	AU AS BX AX

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
Time	CABINET	PA	RTS		3	CCABB 2 0 8 8 WEVO	R	Cabinet Complete — Bottom (Game)	ВТ
1	CCABA 2 0 9 6 WEVO	R	Cabinet — Front	BV	3-1	Not Available	2	Cabinet — Bottom (Game)	-
1-1	Not Available	-	Cabinet - Front	- 1	3-2	GCOVA 0 0 3 5 PEKA	R	Cover	AF
1-2	GDORFO096PEKA	R	Door	AP	3-3	G LEGP 9 0 0 1 PEKA	R	Leg, Top (4 pcs)	AE
1-3	GMADTO 0 4 6 PEKA	R	Window	AK	3-4	G LEGP 9 0 0 2 PEKA	R	Leg, Bottom (4 pcs)	AF
1-4	H DECQ 0 0 1 5 PESA	R	LED Decoration	AX					
1-5	HINDPOD26PEKA	R	Indication Plate (in Door)	AE	4.	GDORF 0 0 9 3 PEKA	R	Door	AS
1-6	HINDPOOS1 PEKA	R	Indication Plate (in Door)	AG	5	GCABB 2 0 3 1 PEKA	R	Cabinet — Rear	BQ
1-7	JBTN-0043 PEKD	R	Button, Power	AF	6	GCOVA 0 0 3 4 PEKA	R	Socket Cover	AK
1-8	H PNLC 0 0 3 8 PEKJ	R	Panel	AS					
2	CCABA 2 0 9 5WEV0	R	Cabinet Complete — Top (Game)	BK		1 000	B		
2-1	Not Available	-	Cabinet — Top (Game)	- 1					
2-2	JBTN-0059PEKA	R	Button, Select	AK					



#### PACKING OF THE SET

#### Setting positions of the knobs Brightness control 5/10 \* TCAUHOO11PEZZ Safety Card Color control 5/10 TGAN-0018PEZZ Tint control Best position Guarantee Card Pictore Control 10710 7185-4260PEZZ TV / EATV switch TV Operation Manual OFF Aging switch Cassette Holder Rélease infrared Remote Controller and Dry Batteries (2 pcs.) Game Controller # Game Controller \* SPAKPOGAAPEZZ Polystyrene Mat # SSAKHORDAPEZZ Palystyrene Cover \* Buffer Material SPAKKDIGSPEZZ FRONT Packing Case SPAKCSAGBPEZZ \* Serial Number Label Use 27 staples to fix the packing case. # Bar Code Lanel # Number Card MARK +; Not replacement items. T7251-5

Printed in Japan

W/S

MW KD